

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	Beltzer et al.
Serial No.:	(not yet assigned)
Filed:	(concurrently herewith)
Entitled:	BINDING POLYPEPTIDES AND METHODS BASED THEREON

Art Unit: (not yet assigned)

Examiner: (not yet known)

Attorney Docket No.: DYX-025.1 US

Assistant Commissioner for Patents

**Box Patent Application**

Washington, D.C. 20231

**Transmittal of Sequence Listing & Computer Readable Form, For Invention Containing  
Nucleotide and/or Amino Acid Sequence, Under 37 CFR §§1.821-1.825**

Sir:

Transmitted herewith please find: a diskette containing a computer readable form (CRF) copy of the Sequence Listing, and a paper copy of the Sequence Listing for the patent application filed currently with this paper.

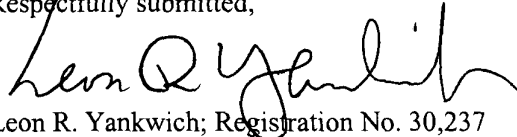
Applicant has assigned a separate identifier to each of the 217 sequences disclosed, as required by 37 CFR §§1.821-1.825.

Applicant verifies the following:

1. The enclosed Sequence Listing and the computer readable form of the Sequence Listing for the above-identified patent application are the same in content, as required by 37 CFR §1.821(f);
2. The enclosed Sequence Listing and the computer readable form of the Sequence Listing for the above-identified patent application contain no new matter and do not go beyond the original disclosure of the application, as required by 37 CFR §1.821(g);

3. The enclosed Sequence Listing and the computer readable form of the Sequence Listing for the above-identified patent application are in a form and format in accordance with 37 CFR §§1.822, 1.823, and 1.824.

Respectfully submitted,



Leon R. Yankwich; Registration No. 30,237

Attorney for Applicants

YANKWICH & ASSOCIATES

130 Bishop Allen Drive

Cambridge, Massachusetts 02139

telephone: (617) 491-4343

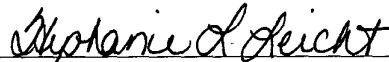
telefax: (617) 491-8801

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

The undersigned hereby certifies that this correspondence listed above is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR §1.10, postage prepaid, Express Mailing Label No. **EL164335305US**, in an envelope addressed to the Asst. Commissioner for Patents, Box Patent Application, Washington, D.C. 20231 on the date indicated below.

17 August 2001

Date



Stephanie L. Leicht

# SEQUENCE LISTING

<110> Human Genome Sciences, Inc.  
 Beltzer, James P.  
 Potter, M. Daniel  
 Fleming, Tony J.  
 Rosen, Craig A.

<120> BINDING POLYPEPTIDES AND METHODS BASED THEREON

<130> Dyx-025.1 PCT; DYX-025.1 US

<140> not yet assigned  
 <141> 2001-08-17

<160> 458

<170> PatentIn version 3.1

<210> 1  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (1)..(1)  
 <223> X1 is Ala, Asn, Lys, or Ser;

<220>  
 <221> MISC\_FEATURE  
 <222> (2)..(2)  
 <223> X2 is Ala, Glu, Met, Ser, or Val;

<220>  
 <221> MISC\_FEATURE  
 <222> (3)..(3)  
 <223> X3 is Ala, Asn, Lys, or Pro (preferably Lys);

<220>  
 <221> MISC\_FEATURE  
 <222> (5)..(5)  
 <223> X5 is Phe, Trp, or Tyr (preferably Tyr);

<220>  
 <221> MISC\_FEATURE  
 <222> (7)..(7)  
 <223> X7 is Pro or Tyr (preferably Pro);

<220>  
 <221> MISC\_FEATURE  
 <222> (11)..(11)  
 <223> X11 is Ala, Gln, His, Phe, or Val;

<220>  
 <221> MISC\_FEATURE  
 <222> (12)..(12)  
 <223> X12 is Asn, Gln, Gly, His, Ser, or Val;

<220>  
 <221> MISC\_FEATURE  
 <222> (13)..(13)  
 <223> X13 is Ala, Asn, Gly, Ile, Pro, or Ser,

<400> 1

Xaa Xaa Xaa Cys Xaa Pro Xaa Thr Gly Cys Xaa Xaa Xaa  
 1 5 10

<210> 2  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (1)..(1)  
 <223> X1 is Ala, Asp, Gln, Glu, Gly, His, Ile, Leu, Lys, Met, Phe, Pro, Ser, Thr, Trp, Tyr, Val, or is absent;

<220>  
 <221> MISC\_FEATURE  
 <222> (2)..(2)  
 <223> X2 is Ala, Asn, Asp, Gln, Gly, His, Ile, Leu, Lys, Met, Phe, Pro, Ser, Thr, Trp, Tyr, or Val;

<220>  
 <221> MISC\_FEATURE  
 <222> (3)..(3)  
 <223> X3 is Ala, Arg, Asn, Asp, Gln, Glu, Gly, His, Ile, Leu, Lys, Met, Phe, Pro, Ser, Trp, Tyr, or Val (preferably Asp);

<220>  
 <221> MISC\_FEATURE  
 <222> (5)..(5)  
 <223> X5 is Asp, Ile, Leu, or Tyr (preferably Asp or Leu);

<220>  
 <221> MISC\_FEATURE  
 <222> (6)..(6)  
 <223> X6 is Arg, Asp, Glu, His, Ile, Leu, Lys, Phe, Pro, Tyr, or Val (preferably Glu or Leu);

<220>  
 <221> MISC\_FEATURE  
 <222> (7)..(7)  
 <223> X is His, Leu, Lys, or Phe

<220>  
 <221> MISC\_FEATURE  
 <222> (8)..(8)  
 <223> X is Leu, Pro, or Thr

<220>  
 <221> MISC\_FEATURE  
 <222> (9)..(9)  
 <223> X is Arg, Asn, Gly, His, Ile, Lys, Met, or Trp

<220>  
 <221> MISC\_FEATURE  
 <222> (10)..(10)  
 <223> X10 is Ala, Gln, Glu, Gly, His, Ile, Leu, Met, Phe, Ser, Trp, Tyr, or Val;

<220>  
 <221> MISC\_FEATURE  
 <222> (12)..(12)  
 <223> X12 is Asp, Gln, Glu, Gly, Ile, Leu, Lys, Phe, Ser, Trp, Tyr, or Val;

<220>  
 <221> MISC\_FEATURE  
 <222> (13)..(13)  
 <223> X13 is Ala, Arg, Asn, Asp, Gln, Glu, Gly, His, Leu, Lys, Met, Phe, Pro, Ser, Thr, Trp, Tyr, or Val;

<220>  
 <221> MISC\_FEATURE  
 <222> (14)..(14)  
 <223> X14 is Ala, Arg, Asn, Asp, Gln, Glu, Gly, His, Ile, Leu, Lys, Phe, Pro, Trp, Tyr, Val, or is absent

<400> 2

Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa  
 1 5 10

<210> 3  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (1)..(1)  
 <223> X1 is Ala, Arg, Asn, Asp, Leu, Lys, Phe, Pro, Ser, or Thr;

<220>  
 <221> MISC\_FEATURE  
 <222> (2)..(2)  
 <223> X2 is Asn, Asp, Gln, His, Ile, Lys, Pro, Thr, or Trp;

<220>  
 <221> MISC\_FEATURE  
 <222> (3)..(3)  
 <223> X3 is Ala, Arg, Asn, Gln, Glu, His, Phe, Pro, or Thr (preferably Ala);

<220>  
 <221> MISC\_FEATURE  
 <222> (5)..(5)  
 <223> X5 is Asn, Asp, Pro, Ser, or Thr (preferably Asp);

<220>  
 <221> MISC\_FEATURE  
 <222> (6)..(6)  
 <223> X6 is Arg, Asp, Ile, Leu, Met, Pro, or Val (preferably Ile);

<220>  
 <221> MISC\_FEATURE  
 <222> (7)..(7)  
 <223> X7 is Ala, Ile, Leu, Pro, Thr, or Val (preferably Val or Leu);

<220>  
 <221> MISC\_FEATURE  
 <222> (8)..(8)  
 <223> X8 is Asn, His, Ile, Leu, Lys, Phe, or Thr (preferably Thr);

<220>  
 <221> MISC\_FEATURE

<222> (9)..(9)  
 <223> X9 is Asn, Glu, Gly, His, Leu, Lys, Met, Pro, or Thr (preferably Leu);

<220>  
 <221> MISC\_FEATURE  
 <222> (10)..(10)  
 <223> X10 is Arg, Asn, Asp, Gln, Glu, Gly, Ile, Lys, Met, Pro, Ser, or Trp;

<220>  
 <221> MISC\_FEATURE  
 <222> (11)..(11)  
 <223> X11 is Arg, Glu, Gly, Lys, Phe, Ser, Trp, or Tyr (preferably Ser);

<220>  
 <221> MISC\_FEATURE  
 <222> (13)..(13)  
 <223> X13 is Gln, Glu, Ile, Leu, Phe, Pro, Ser, Tyr, or Val (preferably Val);

<220>  
 <221> MISC\_FEATURE  
 <222> (14)..(14)  
 <223> X14 is Asn, Gly, Ile, Phe, Pro, Thr, Trp, or Tyr;

<220>  
 <221> MISC\_FEATURE  
 <222> (15)..(15)  
 <223> X15 is Asn, Asp, Glu, Leu, Lys, Met, Pro, or Thr (preferably Glu or Pro),

<400> 3

Xaa	Xaa	Xaa	Cys	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Cys	Xaa	Xaa	Xaa
1				5				10				15		

<210> 4  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (1)..(1)  
 <223> X1 is Asn, Asp, His, Leu, Phe, Pro, Ser, Tyr, or is absent (prefe

rably Ser);

<220>

<221> MISC\_FEATURE

<222> (2)..(2)

<223> X2 is Arg, Asn, Asp, His, Phe, Ser, or Trp (preferably Arg);

<220>

<221> MISC\_FEATURE

<222> (3)..(3)

<223> X3 is Asn, Asp, Leu, Pro, Ser, or Val (preferably Asn or Asp);

<220>

<221> MISC\_FEATURE

<222> (5)..(5)

<223> X5 is Asp, Gln, His, Ile, Leu, Lys, Met, Phe, or Thr;

<220>

<221> MISC\_FEATURE

<222> (6)..(6)

<223> X6 is His, Ile, Leu, Met, Phe, Pro, Trp, or Tyr;

<220>

<221> MISC\_FEATURE

<222> (7)..(7)

<223> X7 is Asp, His, Leu, or Ser (preferably Asp);

<220>

<221> MISC\_FEATURE

<222> (8)..(8)

<223> X8 is Ala, Arg, Asp, Glu, Leu, Phe, Pro, or Thr (preferably Glu or Pro);

<220>

<221> MISC\_FEATURE

<222> (9)..(9)

<223> X9 is Ala, Arg, Asn, or Leu (preferably Leu);

<220>

<221> MISC\_FEATURE

<222> (10)..(10)

<223> X10 is Ile, Leu, Met, Pro, Ser, or Thr (preferably Thr);

<220>

<221> MISC\_FEATURE

<222> (11)..(11)

<223> X11 is Ala, Arg, Asn, Gly, His, Lys, Ser, or Tyr;



<220>  
 <221> MISC\_FEATURE  
 <222> (12)..(12)  
 <223> X12 is Ala, Arg, Asn, Gln, Leu, Met, Ser, Trp, Tyr, or Val;

<220>  
 <221> MISC\_FEATURE  
 <222> (14)..(14)  
 <223> X14 is Asp, Gly, Leu, Phe, Tyr, or Val (preferably Leu);

<220>  
 <221> MISC\_FEATURE  
 <222> (15)..(15)  
 <223> X15 is Asn, His, Leu, Pro, or Tyr (preferably His, Leu or Pro);

<220>  
 <221> MISC\_FEATURE  
 <222> (16)..(16)  
 <223> X16 is Asn, Asp, His, Phe, Ser, or Tyr, (preferably Asp or Ser),

<400> 4

Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa  
 1 5 10 15

<210> 5  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (1)..(1)  
 <223> X1 is Arg, Asp, Gly, His, Leu, Phe, Pro, Ser, Trp, Tyr, or is absent (preferably Arg);

<220>  
 <221> MISC\_FEATURE  
 <222> (2)..(2)  
 <223> X2 is Ala, Arg, Asn, Asp, Gly, Pro, Ser, or is absent (preferably Asn, Asp, Gly, or Pro);

<220>  
 <221> MISC\_FEATURE  
 <222> (3)..(3)  
 <223> X3 is Arg, Asn, Gln, Glu, Gly, Lys, Met, Pro, Trp or Val (preferably

bly Gly or Met);

<220>  
<221> MISC\_FEATURE  
<222> (5)..(5)  
<223> X5 is Arg, Asn, Gln, Glu, His, Leu, Phe, Pro, Trp, Tyr, or Val (preferably Trp, Tyr, or Val);

<220>  
<221> MISC\_FEATURE  
<222> (6)..(6)  
<223> X is Arg, Asp, Gln, Gly, Ile, Lys, Phe, Thr, Trp, or Tyr

<220>  
<221> MISC\_FEATURE  
<222> (7)..(7)  
<223> X7 is Ala, Arg, Asp, Glu, Gly, Leu, Ser, or Tyr (preferably Asp);

<220>  
<221> MISC\_FEATURE  
<222> (8)..(8)  
<223> X8 is Asp, Gln, Glu, Leu, Met, Phe, Pro, Ser, or Tyr (preferably Leu);

<220>  
<221> MISC\_FEATURE  
<222> (9)..(9)  
<223> X9 is Asp, Leu, Pro, Thr, or Val (preferably Leu or Thr);

<220>  
<221> MISC\_FEATURE  
<222> (10)..(10)  
<223> X is Arg, Gln, His, Ile, Leu, Lys, Met, Phe, Thr, Trp, or Tyr

<220>  
<221> MISC\_FEATURE  
<222> (11)..(11)  
<223> X11 is Ala, Arg, Asn, Gln, Glu, His, Leu, Lys, Met, or Thr (preferably Arg or Leu);

<220>  
<221> MISC\_FEATURE  
<222> (12)..(12)  
<223> X12 is Ala, Asn, Gln, Gly, Leu, Lys, Phe, Pro, Thr, Trp, or Tyr (preferably Thr or Trp);

<220>  
<221> MISC\_FEATURE

<222> (13)..(13)  
 <223> X13 is Ala, Arg, Gln, His, Lys, Met, Phe, Pro, Thr, Trp, or Tyr (preferably Met or Phe);

<220>  
 <221> MISC\_FEATURE  
 <222> (14)..(14)  
 <223> X14 is Arg, Gln, Glu, Gly, His, Leu, Met, Phe, Pro, Ser, Thr, Tyr, or Val (preferably Val);

<220>  
 <221> MISC\_FEATURE  
 <222> (16)..(16)  
 <223> X16 is Arg, Asp, Gly, His, Lys, Met, Phe, Pro, Ser, or Trp (preferably Met);

<220>  
 <221> MISC\_FEATURE  
 <222> (17)..(17)  
 <223> X is Arg, Asn, Asp, Gly, His, Phe, Pro, Ser, Trp, or Tyr

<220>  
 <221> MISC\_FEATURE  
 <222> (18)..(18)  
 <223> X18 is Ala, Arg, Asn, Asp, His, Leu, Phe, or Trp (preferably His or Asn),

<400> 5

Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa  
 1 5 10 15

Xaa Xaa

<210> 6  
 <211> 12  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BlyS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (1)..(1)  
 <223> X1 is Ala, Arg, Gly, His, Leu, Lys, Met, Phe, Trp, Tyr, or Val (preferably Gly, Tyr, or Val);

<220>  
<221> MISC\_FEATURE  
<222> (2)..(2)  
<223> X2 is Ala, Arg, Gln, His, Ile, Leu, Phe, Thr, Trp, or Tyr (preferably His or Tyr);

<220>  
<221> MISC\_FEATURE  
<222> (3)..(3)  
<223> X3 is Ala, Asp, Lys, Phe, Thr, Trp or Tyr (preferably Asp or Tyr);

<220>  
<221> MISC\_FEATURE  
<222> (4)..(4)  
<223> X4 is Arg, Asp, Gln, Lys, Met, Phe, Pro, Ser, Tyr, or Val (preferably Asp or Gln);

<220>  
<221> MISC\_FEATURE  
<222> (5)..(5)  
<223> X5 is Asp, Leu, Lys, Phe, Pro, Ser, or Val (preferably Leu or Ser);

<220>  
<221> MISC\_FEATURE  
<222> (6)..(6)  
<223> X6 is His, Ile, Leu, Pro, Ser, or Thr (preferably Leu or Thr);

<220>  
<221> MISC\_FEATURE  
<222> (7)..(7)  
<223> X7 is Arg, Gly, His, Leu, Lys, Met, or Thr (preferably Lys or Thr);

<220>  
<221> MISC\_FEATURE  
<222> (8)..(8)  
<223> X8 is Ala, Arg, Asn, Ile, Leu, Lys, Met, or Thr (preferably Leu or Lys);

<220>  
<221> MISC\_FEATURE  
<222> (9)..(9)  
<223> X9 is Ala, Asn, Arg, Asp, Glu, Gly, His, Leu, Met, Ser, Trp, Tyr, or Val (preferably Met or Ser);

<220>  
<221> MISC\_FEATURE

<222> (10)..(10)  
 <223> X10 is Ile, Leu, Phe, Ser, Thr, Trp, Tyr, or Val (preferably Thr or Leu);

<220>  
 <221> MISC\_FEATURE  
 <222> (11)..(11)  
 <223> X11 is Ala, Arg, Gly, His, Ile, Leu, Lys, Pro, Ser, Thr, Trp, Tyr, or Val (preferably Pro or Thr);

<220>  
 <221> MISC\_FEATURE  
 <222> (12)..(12)  
 <223> X12 is Arg, Asp, His, Leu, Lys, Met, Phe, Pro, Ser, Trp, Tyr, or Val (preferably Arg or Pro),

<400> 6  
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
 1 5 10

<210> 7  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (1)..(1)  
 <223> X1 is Asp, Gln, Glu, Gly, His, Lys, Met, or Trp (preferably Glu, Lys);

<220>  
 <221> MISC\_FEATURE  
 <222> (2)..(2)  
 <223> X2 is Arg, Gln, His, Ile, Leu, or Pro (preferably His or Pro);

<220>  
 <221> MISC\_FEATURE  
 <222> (3)..(3)  
 <223> X3 is Asp, Gly, Ile, Lys, Thr, Tyr or Val (preferably Tyr);

<220>  
 <221> MISC\_FEATURE  
 <222> (4)..(4)  
 <223> X4 is Asn, Asp, Gln, Glu, Met, Pro, Ser, or Tyr (preferably Asp or Gln);

<220>  
 <221> MISC\_FEATURE  
 <222> (5)..(5)  
 <223> X5 is Asn, Asp, His, Ile, Leu, Met, Pro, Thr or Val (preferably Asn or Thr);

<220>  
 <221> MISC\_FEATURE  
 <222> (6)..(6)  
 <223> X6 is Asp, Glu, His, Leu, Lys, Pro, or Val (preferably Asp or Pro);

<220>  
 <221> MISC\_FEATURE  
 <222> (7)..(7)  
 <223> X7 is Arg, Asn, Gln, His, Ile, Leu, Met, Pro, or Thr (preferably Ile or Pro);

<220>  
 <221> MISC\_FEATURE  
 <222> (8)..(8)  
 <223> X8 is Gln, Gly, His, Leu, Met, Ser, or Thr (preferably Leu or Thr);

<220>  
 <221> MISC\_FEATURE  
 <222> (9)..(9)  
 <223> X9 is Asn, Gln, Gly, His, Leu, Lys, Ser, or Thr (preferably Lys);

<220>  
 <221> MISC\_FEATURE  
 <222> (10)..(10)  
 <223> X10 is Ala, Gly, Ile, Leu, Lys, Met, or Phe (preferably Gly or Met);

<220>  
 <221> MISC\_FEATURE  
 <222> (11)..(11)  
 <223> X11 is Ala, Glu, His, Ile, Leu, Met, Ser, Thr, Trp, Tyr, or Val (preferably Ala or Thr);

<220>  
 <221> MISC\_FEATURE  
 <222> (12)..(12)  
 <223> X12 is Arg, Gln, Glu, Gly, His, Ile, Lys, Tyr, or Val (preferably Arg or His);

<220>  
 <221> MISC\_FEATURE  
 <222> (13)..(13)  
 <223> X13 is Arg, Asn, Glu, His, Ile, Ser, Thr, Trp, or Val (preferably His),

<400> 7

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
 1 5 10

<210> 8  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (2)..(2)  
 <223> X2 is Phe, Trp, or Tyr (preferably Tyr);

<220>  
 <221> MISC\_FEATURE  
 <222> (4)..(4)  
 <223> X4 is Pro or Tyr (preferably Pro);

<400> 8

Cys Xaa Pro Xaa Thr Gly Cys  
 1 5

<210> 9  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (2)..(2)  
 <223> X2 is Asp, Ile, Leu, or Tyr (preferably Asp or Leu);

<220>  
 <221> MISC\_FEATURE  
 <222> (3)..(3)  
 <223> X3 is Arg, Asp, Glu, His, Ile, Leu, Lys, Phe, Pro, Tyr, or Val (

preferably Glu or Leu);

<220>

<221> MISC\_FEATURE

<222> (4)..(4)

<223> X4 is His, Leu, Lys, or Phe (preferably His or Leu);

<220>

<221> MISC\_FEATURE

<222> (5)..(5)

<223> X5 is Leu, Pro, or Thr (preferably Thr or Pro);

<220>

<221> MISC\_FEATURE

<222> (6)..(6)

<223> X6 is Arg, Asn, Gly, His, Ile, Lys, Met, or Trp (preferably Lys);

<220>

<221> MISC\_FEATURE

<222> (7)..(7)

<223> X7 is Ala, Asn, Gln, Glu, Gly, His, Ile, Leu, Met, Phe, Ser, Trp,  
Tyr, or Val;

<400> 9

Cys Xaa Xaa Xaa Xaa Xaa Xaa Cys

1

5

<210> 10

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> BLyS binding polypeptide

<220>

<221> MISC\_FEATURE

<222> (2)..(2)

<223> X2 is Asn, Asp, Pro, Ser, or Thr (preferably Asp);

<220>

<221> MISC\_FEATURE

<222> (3)..(3)

<223> X3 is Arg, Asp, Ile, Leu, Met, Pro, or Val (preferably Ile);

<220>

<221> MISC\_FEATURE



```

<222> (4)..(4)
<223> X4 is Ala, Ile, Leu , Pro, Thr, or Val (preferably Val or Leu);

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> X5 is Asn, His, Ile, Leu, Lys, Phe, or Thr (preferably Thr);

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> X6 is Asn, Glu, Gly, His, Leu, Lys, Met, Pro, or Thr (preferably
Leu);

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> X7 is Arg, Asn, Asp, Gln, Glu, Gly, Ile, Lys, Met, Pro, Ser, or T
rp;

<220>
<221> MISC_FEATURE
<222> (8)..(8)
<223> X8 is Arg, Glu, Gly, Lys, Phe, Ser, Trp, or Tyr (preferably Ser);

<400> 10
Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys
1 5

<210> 11
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> BLYS binding polypeptide

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> X2 is Asp, Gln, His, Ile, Leu, Lys, Met, Phe, or Thr;

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> X3 is His, Ile, Leu, Met, Phe, Pro, Trp, or Tyr;

<220>

```

<221> MISC\_FEATURE  
 <222> (4)..(4)  
 <223> X4 is Asp, His, Leu, or Ser (preferably Asp);

<220>  
 <221> MISC\_FEATURE  
 <222> (5)..(5)  
 <223> X5 is Ala, Arg, Asp, Glu, Leu, Phe, Pro, or Thr (preferably Glu or Pro);

<220>  
 <221> MISC\_FEATURE  
 <222> (6)..(6)  
 <223> X6 is Ala, Arg, Asn, or Leu (preferably Leu);

<220>  
 <221> MISC\_FEATURE  
 <222> (7)..(7)  
 <223> X7 is Ile, Leu, Met, Pro, Ser, or Thr (preferably Thr);

<220>  
 <221> MISC\_FEATURE  
 <222> (8)..(8)  
 <223> X8 is Ala, Arg, Asn, Gly, His, Lys, Ser, or Tyr;

<220>  
 <221> MISC\_FEATURE  
 <222> (9)..(9)  
 <223> X9 is Ala, Arg, Asn, Gln, Leu, Met, Ser, Trp, Tyr, or Val;

<400> 11

Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys  
 1 5 10

<210> 12  
 <211> 12  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (2)..(2)  
 <223> X2 is Arg, Asn, Gln, Glu, His, Leu, Phe, Pro, Trp, Tyr, or Val (preferably Trp, Tyr, or Val);

<220>  
<221> MISC\_FEATURE  
<222> (3)..(3)  
<223> X3 is Arg, Asp, Gln, Gly, Ile, Lys, Phe, Thr, Trp or Tyr (preferably Asp);

<220>  
<221> MISC\_FEATURE  
<222> (4)..(4)  
<223> X4 is Ala, Arg, Asp, Glu, Gly, Leu, Ser, or Tyr (preferably Asp);

<220>  
<221> MISC\_FEATURE  
<222> (5)..(5)  
<223> X5 is Asp, Gln, Glu, Leu, Met, Phe, Pro, Ser, or Tyr (preferably Leu);

<220>  
<221> MISC\_FEATURE  
<222> (6)..(6)  
<223> X6 is Asp, Leu, Pro, Thr, or Val (preferably Leu or Thr);

<220>  
<221> MISC\_FEATURE  
<222> (7)..(7)  
<223> X7 is Arg, Gln, His, Ile, Leu, Lys, Met, Phe, Thr, Trp or Tyr (preferably Lys or Thr);

<220>  
<221> MISC\_FEATURE  
<222> (8)..(8)  
<223> X8 is Ala, Arg, Asn, Gln, Glu, His, Leu, Lys, Met, or Thr (preferably Arg or Leu);

<220>  
<221> MISC\_FEATURE  
<222> (9)..(9)  
<223> X9 is Ala, Asn, Gln, Gly, Leu, Lys, Phe, Pro, Thr, Trp, or Tyr (preferably Thr or Trp);

<220>  
<221> MISC\_FEATURE  
<222> (10)..(10)  
<223> X10 is Ala, Arg, Gln, His, Lys, Met, Phe, Pro, Thr, Trp, or Tyr (preferably Met or Phe);

<220>  
<221> MISC\_FEATURE  
<222> (11)..(11)

<223> X11 is Arg, Gln, Glu, Gly, His, Leu, Met, Phe, Pro, Ser, Thr, Tyr  
, or Val (preferably Val);

<400> 12

Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys  
1 5 10

<210> 13

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> c-terminal linker

<400> 13

Pro Gly Pro Glu Gly Gly Gly Lys  
1 5

<210> 14

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> phage display library template

<220>

<221> MISC\_FEATURE

<222> (1)..(3)

<223> X is any amino acid except Cys

<220>

<221> MISC\_FEATURE

<222> (5)..(8)

<223> X is any amino acid except Cys

<220>

<221> MISC\_FEATURE

<222> (10)..(12)

<223> X is any amino acid except Cys

<400> 14

Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa  
1 5 10

<210> 15

<211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> phage display library template

<220>  
 <221> MISC\_FEATURE  
 <222> (1)..(3)  
 <223> X is any amino acid except Cys

<220>  
 <221> MISC\_FEATURE  
 <222> (5)..(9)  
 <223> X is any amino acid except Cys

<220>  
 <221> MISC\_FEATURE  
 <222> (11)..(13)  
 <223> X is any amino acid except Cys

<400> 15

Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa  
 1 5 10

<210> 16  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> phage display library template

<220>  
 <221> MISC\_FEATURE  
 <222> (1)..(14)  
 <223> X is any amino acid except Cys

<400> 16

Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa  
 1 5 10

<210> 17  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>

<223> phage display library template

<220>

<221> MISC\_FEATURE

<222> (1)..(3)

<223> X is any amino acid except Cys

<220>

<221> MISC\_FEATURE

<222> (5)..(11)

<223> X is any amino acid except Cys

<220>

<221> MISC\_FEATURE

<222> (13)..(15)

<223> X is any amino acid except Cys

<400> 17

Xaa	Xaa	Xaa	Cys	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Cys	Xaa	Xaa	Xaa
1				5					10						15

<210> 18

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> phage display library template

<220>

<221> MISC\_FEATURE

<222> (1)..(3)

<223> X is any amino acid except Cys

<220>

<221> MISC\_FEATURE

<222> (5)..(12)

<223> X is any amino acid except Cys

<220>

<221> MISC\_FEATURE

<222> (14)..(16)

<223> X is any amino acid except Cys

<400> 18

Xaa	Xaa	Xaa	Cys	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Cys	Xaa	Xaa	Xaa
1				5					10							15

<210> 19  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> phage display library template  
  
 <220>  
 <221> MISC\_FEATURE  
 <222> (1)..(3)  
 <223> X is any amino acid except Cys

<220>  
 <221> MISC\_FEATURE  
 <222> (5)..(14)  
 <223> X is any amino acid except Cys

<220>  
 <221> MISC\_FEATURE  
 <222> (16)..(18)  
 <223> X is any amino acid except Cys

<400> 19

Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa  
 1 5 10 15

Xaa Xaa

<210> 20  
 <211> 12  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<400> 20

His Leu Arg Cys Trp Ser Thr Asn Cys Arg Tyr Asp  
 1 5 10

<210> 21  
 <211> 12  
 <212> PRT  
 <213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 21

Val Met Asp Cys Leu Ile Asn Arg Cys Asp Thr Val  
1 5 10

<210> 22

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 22

Lys Ser Lys Cys Phe Phe Pro Trp Glu Cys Gln Gln Ala  
1 5 10

<210> 23

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 23

Ala Met Lys Cys Tyr Phe Pro Trp Glu Cys Ala Asn Gly  
1 5 10

<210> 24

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 24

Glu Asn Val Ala Cys Tyr Phe Pro Trp Glu Cys His His Pro  
1 5 10

<210> 25

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide



<400> 25

Asn Ala Pro Cys Tyr Phe Pro Trp Glu Cys Phe Ser Ile  
1 5 10

<210> 26

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 26

Ser Val Asn Cys Trp Phe Pro Trp Glu Cys Val Gly Asn  
1 5 10

<210> 27

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 27

Lys Glu Pro Cys Tyr Phe Tyr Trp Glu Cys Ala Val Ser  
1 5 10

<210> 28

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 28

Asp Thr Asn Cys Asp Leu Leu Thr Lys Met Cys Gly Pro Gln  
1 5 10

<210> 29

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 29

Gly Thr Pro Cys Asp Leu Leu Thr Lys Leu Cys Leu Leu Trp  
1 5 10

<210> 30

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 30

Met Ser Glu Cys Asp Leu Leu Thr Lys Ile Cys Leu Met Gly  
1 5 10

<210> 31

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 31

Val Pro Phe Cys Asp Leu Leu Thr Lys His Cys Phe Glu Ala  
1 5 10

<210> 32

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 32

Val Pro Phe Cys Asp Leu Leu Thr Lys His Cys Phe Glu Ala  
1 5 10

<210> 33

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 33

Trp Ser Ala Cys Asp Leu Leu Thr Lys Gln Cys Val Gln Val  
 1 5 10

<210> 34  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 34

Asp Gly Cys Asp Glu Leu Thr Lys Ile Cys Gly Met Lys  
 1 5 10

<210> 35  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 35

Lys Ser Trp Cys Asp Glu Leu Thr Lys Val Cys Phe Asp Pro  
 1 5 10

<210> 36  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 36

Lys Trp Met Cys Asp Glu Leu Thr Lys Gln Cys Gln Tyr Val  
 1 5 10

<210> 37  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 37

Met Lys Tyr Cys Asp Glu Leu Thr Lys Ile Cys Val Gly Trp  
 1 5 10

<210> 38  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 38

Tyr Phe Gln Cys Asp Glu Leu Thr Lys Met Cys Trp Gln Lys  
 1 5 10

<210> 39  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 39

Ala Met His Cys Asp Lys Leu Thr Lys His Cys Lys Phe His  
 1 5 10

<210> 40  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 40

Val Pro Tyr Cys Asp Lys Leu Thr Lys Ile Cys Gln Trp  
 1 5 10

<210> 41  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 41

Glu Val Phe Cys Asp Val Leu Thr Lys Val Cys Phe His Asp

1

5

10

<210> 42  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 42

Lys Pro Lys Cys Asp Val Leu Thr Lys Met Cys Asp Trp Leu  
 1 5 10

<210> 43  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 43

Thr Gln His Cys Asp Val Leu Thr Lys Gln Cys Phe Thr Ile  
 1 5 10

<210> 44  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 44

Gly His Phe Cys Asp Arg Leu Thr Lys Tyr Cys Phe Glu Pro  
 1 5 10

<210> 45  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 45

His Ile Gln Cys Asp Arg Leu Thr Lys Ser Cys Leu Ser Val  
 1 5 10

<210> 46  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 46

Ile Lys Ala Cys Asp Ile Leu Thr Lys Val Cys Trp Pro Pro  
 1 5 10

<210> 47  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 47

Gln Phe Asp Cys Asp Pro Leu Thr Lys Tyr Cys Gly Glu Phe  
 1 5 10

<210> 48  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 48

Lys Met Tyr Cys Asp His Leu Thr Gly Tyr Cys Trp Pro Glu  
 1 5 10

<210> 49  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 49

Met Gln Ser Cys Asp Ile Leu Thr Gly Tyr Cys Phe Lys Arg  
 1 5 10

<210> 50  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 50

Gly Pro Trp Cys Asp Ile Leu Thr Gly Phe Cys Leu Ala Gln  
 1 5 10

<210> 51  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 51

Ser Val Arg Cys Asp Leu Leu Thr Gly Trp Cys Pro Val Trp  
 1 5 10

<210> 52  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 52

Pro Ala Asp Cys Asp Pro Leu Thr Asn Ile Cys Phe Trp Lys  
 1 5 10

<210> 53  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 53

Thr Asn Val Cys Asp Pro Leu Thr Asn Val Cys Phe Met Asn  
 1 5 10

<210> 54  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 54

Glu His Trp Cys Asp Asp Leu Thr His Leu Cys Phe Arg Leu  
1 5 10

<210> 55  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 55

Gly Tyr Trp Cys Asp Val Leu Thr Asn Asn Cys Trp Lys Ile  
1 5 10

<210> 56  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 56

Leu Tyr Asn Cys Asp Tyr Leu Thr Arg Leu Cys Phe Glu Pro  
1 5 10

<210> 57  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 57

His Val Asp Cys Leu Leu His Pro Lys Ala Cys Tyr Lys Tyr  
1 5 10

<210> 58



<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 58

Val Gln Asp Cys Leu Leu His Pro Lys Ala Cys Gln Met Gln  
1 5 10

<210> 59  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 59

Lys Phe Asp Cys Leu Leu Lys Pro Met Phe Cys Ser Asn His  
1 5 10

<210> 60  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 60

Phe Ala Asp Cys Leu Ile His Pro Lys Ser Cys Lys Pro Leu  
1 5 10

<210> 61  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 61

His Gly Asn Cys Tyr Pro Phe Pro Trp Glu Cys Glu Ser Lys  
1 5 10

<210> 62  
<211> 14

<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 62

Met Ile Ile Val Leu Leu Leu Leu Arg Phe Ala Ile Ser Arg  
1 5 10

<210> 63  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 63

Ser Leu Leu Val Ile Phe Leu Leu Ile Gly Ala Gly Ser Leu  
1 5 10

<210> 64  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 64

Phe His Pro Cys Asp Met Leu Thr Gly Ile Trp Cys Gln Pro Asn  
1 5 10 15

<210> 65  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 65

Ser Lys Arg Cys Asp Leu Leu Thr Lys Met Trp Cys Glu Thr Glu  
1 5 10 15

<210> 66  
<211> 15  
<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 66

Thr Lys Phe Cys Asp Arg Leu Thr Met Pro Lys Cys Val Trp Lys  
1 5 10 15

<210> 67

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 67

Asn Thr Phe Cys Pro Asp Pro Leu Thr Gly Arg Cys Val Asn Pro  
1 5 10 15

<210> 68

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 68

Asp Trp Thr Cys Asp Pro Leu Phe His Arg Glu Cys Ile Phe Glu  
1 5 10 15

<210> 69

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 69

Pro Gln Pro Cys Asp Leu Leu Phe Glu Lys Lys Cys Ser Ile Lys  
1 5 10 15

<210> 70

<211> 15

<212> PRT

<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 70

Arg Trp His Cys Asp Met Leu Ile Asn Pro Ser Cys Leu Pro Asp  
1 5 10 15

<210> 71  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 71

Lys Ile Gln Cys Asp Ile Val Asn Leu Ser Ser Cys Val Tyr Pro  
1 5 10 15

<210> 72  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 72

Leu Asn Ala Cys Asp Ile Val His Pro Asn Tyr Cys Ser Gly Met  
1 5 10 15

<210> 73  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 73

Ala Lys Ala Cys Ser Ile Val Asn Leu Glu Ser Cys Glu Tyr Leu  
1 5 10 15

<210> 74  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 74

Arg Gln Ala Cys Ser Ile Ile Thr Pro Trp Gly Cys Pro Ile Pro  
1 5 10 15

<210> 75  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 75

Ala Asp Asn Cys Thr Val Ala Thr Leu Asp Phe Cys Tyr Trp Thr  
1 5 10 15

<210> 76  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 76

Lys Pro Glu Cys Asn Ile Thr Lys Pro Gln Phe Cys Phe Gly Glu  
1 5 10 15

<210> 77  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 77

Asn Asn Cys Gln Trp Asp Glu Leu Thr Ser Met Cys Asp Pro Phe  
1 5 10 15

<210> 78  
<211> 16  
<212> PRT  
<213> Artificial Sequence

<220>

<223> BLyS binding polypeptide

<400> 78

Ser Arg Leu Cys His Met Asp Glu Leu Thr His Val Cys Val His Phe  
1 5 10 15

<210> 79

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> BLyS binding polypeptide

<400> 79

Ser Arg Pro Cys Gln Ile Asp Glu Leu Thr Lys Ala Cys Phe Tyr Asn  
1 5 10 15

<210> 80

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> BLyS binding polypeptide

<400> 80

Asp Arg Val Cys Lys Leu Asp Phe Leu Thr Tyr Asn Cys Leu Asn His  
1 5 10 15

<210> 81

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> BLyS binding polypeptide

<400> 81

His Ser Asn Cys Ile Met Asp Leu Leu Thr Asn Arg Cys Phe Tyr Asp  
1 5 10 15

<210> 82

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> BLyS binding polypeptide

<400> 82

Pro Phe Asn Cys Phe His Asp Pro Leu Thr Gly Leu Cys Leu His Ser  
1 5 10 15

<210> 83

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 83

Tyr Asp Ser Cys Thr Tyr Asp Arg Leu Thr Lys Gln Cys Tyr Pro Ser  
1 5 10 15

<210> 84

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 84

Phe His Asp Cys Met Tyr Asp Ala Leu Leu Gly Tyr Cys Leu Pro Tyr  
1 5 10 15

<210> 85

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 85

Asn Arg Ser Cys Asp Pro Leu Thr Arg Pro Lys Ser Cys Gly Leu  
1 5 10 15

<210> 86

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 86

Leu Ser Asn Cys Asp Trp Asp Asp Leu Ile Arg Gln Cys Leu His Asp  
1 5 10 15

<210> 87

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 87

Phe Trp Asp Cys Leu Phe His Pro Asn Ser Arg Tyr Cys Val Leu Ser  
1 5 10 15

<210> 88

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 88

Ser Arg Asp Cys Leu Leu Ser Pro Ala Met Ala Trp Cys Gly Leu Asp  
1 5 10 15

<210> 89

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 89

Gly Gly Asn Cys Tyr Thr Asp Ser Leu Thr Lys Leu His Phe Cys Met  
1 5 10 15

Gly Asp

<210> 90

<211> 16

<212> PRT

<213> Artificial Sequence



<220>  
 <223> BLYS binding polypeptide  
 <400> 90

Met Cys Pro Arg Asp Pro Leu Thr Lys Ala Lys Leu Cys Asn Trp His  
 1 5 10 15

<210> 91  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide  
 <400> 91

Pro Asn Gln Cys Gln Asp Asp Leu Thr Lys Gln Trp Tyr Ser Cys His  
 1 5 10 15

Tyr His

<210> 92  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide  
 <400> 92

Phe Asp Met Cys Phe Asp Ala Leu Thr Lys Gln Asn Phe Tyr Cys Arg  
 1 5 10 15

Phe His

<210> 93  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide  
 <400> 93

Arg Asn Met Cys Val Asp Arg Leu Thr Lys Leu Gln His Gly Cys Glu  
 1 5 10 15

Gly Ala

<210> 94  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 94

Asp Pro Glu Cys Leu Thr Ser Phe Asp Arg Leu Thr Lys Met Cys Trp  
1 5 10 15

Pro Trp

<210> 95  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 95

Asp Asp Glu Cys His Tyr Asp Tyr Leu Thr His Tyr Met Arg Cys Asp  
1 5 10 15

Tyr Arg

<210> 96  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 96

Phe Gly Gly Cys Asn Ile Asp Leu Leu Thr Asn Thr Met Met Cys His  
1 5 10 15

Arg Asn

<210> 97  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 97

His Gly Pro Cys Tyr Trp Asp Glu Leu Thr Met Gln Trp His Cys Asn  
 1 5 10 15

His His

<210> 98  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 98

Gly Ala Met Cys Val Asp Leu Leu Thr Tyr Thr Phe Arg Pro Cys Met  
 1 5 10 15

Tyr Ala

<210> 99  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 99

Ser Asn Lys Cys Trp Asp Glu Leu Thr His Ala Trp Ala Glu Cys Gly  
 1 5 10 15

Arg Phe

<210> 100  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 100

Arg Pro Val Cys Tyr Lys Gly Tyr Asp Ile Leu Thr Thr Gln Cys Met  
1 5 10 15

Pro Trp

<210> 101  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 101

Pro Ser Arg Cys Trp Phe Asp Leu Leu Phe Asn Lys Phe Val Cys Lys  
1 5 10 15

Arg Asn

<210> 102  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 102

Arg Ser Gly Cys Val Tyr Asp Met Leu Leu Met Thr Met Tyr Cys Pro  
1 5 10 15

Ser Asn

<210> 103  
<211> 18  
<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 103

Ser Asn Arg Cys Glu Gly Asp Gln Leu Met Arg Pro Pro Ser Cys Arg  
1 5 10 15

His Leu

<210> 104

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 104

Tyr Arg Met Cys Trp Trp Asp Asp Leu Leu Arg Gly Phe Val Cys Asp  
1 5 10 15

Phe His

<210> 105

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 105

His Asp Gly Cys Tyr Asp Glu Leu Leu Tyr Arg Trp Thr Arg Cys Glu  
1 5 10 15

His Arg

<210> 106

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 106

Trp Ala Trp Cys Phe Asp Glu Leu Val Gln Arg Tyr Phe Thr Cys Phe  
1 5 10 15

Asp His

<210> 107

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 107

Leu Pro Glu Cys Arg Gln Tyr Phe Pro Trp Glu Lys Gln Val Cys Ser  
1 5 10 15

Tyr Trp

<210> 108

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 108

Val His Tyr Asp Ser Leu Thr Lys Met Trp Thr Arg  
1 5 10

<210> 109

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 109

Phe Thr Asp Pro Leu Thr Lys Met Ser Leu His Ser  
1 5 10

<210> 110  
 <211> 12  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide  
 <400> 110

Gly Tyr Asp Val Leu Thr Lys Leu Tyr Phe Val Pro  
 1 5 10

<210> 111  
 <211> 12  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide  
 <400> 111

Tyr Tyr Asp Arg Leu Thr Lys Leu Tyr Ser Ser Met  
 1 5 10

<210> 112  
 <211> 12  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (2)..(2)  
 <223> X is unknown

<400> 112

Leu Xaa Lys Asp Pro Leu Thr Lys Leu Tyr Ile Ser  
 1 5 10

<210> 113  
 <211> 12  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (9)..(9)  
 <223> X is unknown

<400> 113

Gly Tyr Asp Val Leu Thr Lys Leu Xaa Phe Val Pro  
 1 5 10

<210> 114  
 <211> 12  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 114

Arg Leu Tyr Asp Pro Leu Thr Lys Leu Val Leu Ser  
 1 5 10

<210> 115  
 <211> 12  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 115

Met Phe Asp Pro Leu Thr Lys Ile Ala Phe Pro Ala  
 1 5 10

<210> 116  
 <211> 12  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 116

Phe Tyr Asp Ser Leu Thr Lys Thr Asn Leu Arg Asp  
 1 5 10

<210> 117  
 <211> 12  
 <212> PRT



<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 117

Gly Ile Tyr Asp Lys Leu Thr Arg Ala Trp Leu Pro  
1 5 10

<210> 118

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<220>

<221> MISC\_FEATURE

<222> (10)..(10)

<223> X is unknown

<400> 118

Lys Tyr Asp Pro Leu Thr Arg Ala Arg Xaa Pro Leu  
1 5 10

<210> 119

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 119

Tyr Ile Asp Gln Leu Thr Arg Leu Ser Leu Pro Ser  
1 5 10

<210> 120

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 120

His Gln Thr Phe Asp Ile Leu Thr Arg Leu His Phe  
1 5 10

<210> 121  
 <211> 12  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 121

Trp Gln Phe Asp Val Leu Thr Arg Ser Trp Thr Pro  
 1 5 10

<210> 122  
 <211> 12  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 122

Gly Ala Ala Tyr Asp His Leu Thr Arg Thr Trp Leu  
 1 5 10

<210> 123  
 <211> 12  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 123

Tyr Phe Asp Gln Leu Thr His Leu Ser Ile Lys Lys  
 1 5 10

<210> 124  
 <211> 12  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 124

Ala Trp Asp Pro Leu Thr Met Leu Val Leu Pro Trp  
 1 5 10

<210> 125  
 <211> 12  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 125

Ala Leu Trp Met Asp Pro Leu Thr Gly Leu Ala Phe  
 1 5 10

<210> 126  
 <211> 12  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (8)..(8)  
 <223> X is unknown

<400> 126

Trp Gln Phe Asp Val Leu Thr Xaa Ser Trp Thr Pro  
 1 5 10

<210> 127  
 <211> 12  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 127

Trp Thr Asp Pro Leu Thr His Met Glu Ile Tyr His  
 1 5 10

<210> 128  
 <211> 12  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 128

Trp Thr Asp Ser Leu Thr Gly Leu Trp Phe Pro Asp  
1 5 10

<210> 129

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<220>

<221> MISC\_FEATURE

<222> (10)..(10)

<223> X is unknown

<400> 129

Tyr Thr Asp Pro Leu Thr Gly Ile Val Xaa Pro Phe  
1 5 10

<210> 130

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 130

Tyr Trp Asp Lys Leu Thr Met Leu His Leu Gly Val  
1 5 10

<210> 131

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 131

Tyr Tyr Asp Phe Leu Thr Arg Thr Val Leu Pro Ser  
1 5 10

<210> 132

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 132

Arg Leu Asp Pro Leu Ser Lys Asn Asp Phe Pro Arg  
1 5 10

<210> 133

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<220>

<221> MISC\_FEATURE

<222> (10)..(10)

<223> X is unknown

<400> 133

Leu Arg Tyr Asp Pro Leu Leu Lys Ser Xaa Ile Tyr  
1 5 10

<210> 134

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 134

Leu Arg Tyr Asp Pro Leu Leu Lys Ser Tyr Ile Tyr  
1 5 10

<210> 135

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 135

Tyr Phe Asp Gln Phe Thr His Leu Ser Ile Lys Lys  
1 5 10

<210> 136  
 <211> 12  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (5)..(5)  
 <223> X is unknown

<400> 136

Tyr Phe Asp Gln Xaa Thr His Leu Ser Ile Lys Lys  
 1 5 10

<210> 137  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 137

Glu His Tyr Tyr Thr Asp Pro Leu Thr Gly Ala Arg Ile  
 1 5 10

<210> 138  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (4)..(4)  
 <223> X is unknown

<400> 138

Glu His Tyr Xaa Thr Asp Pro Leu Thr Gly Ala Arg Ile  
 1 5 10

<210> 139

<211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 139

Glu His Tyr Ser Thr Asp Pro Leu Thr Gly Ala Arg Ile  
 1 5 10

<210> 140  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (9)..(9)  
 <223> X is unknown

<220>  
 <221> MISC\_FEATURE  
 <222> (11)..(11)  
 <223> X is unknown

<400> 140

Glu His Tyr Tyr Thr Asp Pro Leu Xaa Gly Xaa Arg Ile  
 1 5 10

<210> 141  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (9)..(9)  
 <223> X is unknown

<220>  
 <221> MISC\_FEATURE  
 <222> (11)..(11)  
 <223> X is unknown

<220>  
 <221> MISC\_FEATURE  
 <222> (13)..(13)  
 <223> X is unknown

<400> 141

Glu His Tyr Tyr Thr Asp Pro Leu Xaa Gly Xaa Arg Xaa  
 1 5 10

<210> 142  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (9)..(9)  
 <223> X is unknown

<220>  
 <221> MISC\_FEATURE  
 <222> (13)..(13)  
 <223> X is unknown

<400> 142

Glu His Tyr Tyr Thr Asp Pro Leu Xaa Gly Ala Arg Xaa  
 1 5 10

<210> 143  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (3)..(3)  
 <223> X is unknown

<220>  
 <221> MISC\_FEATURE  
 <222> (13)..(13)



<223> X is unknown

<400> 143

Glu His Xaa Tyr Thr Asp Pro Leu Asn Gly Ala Arg Xaa  
1 5 10

<210> 144

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<220>

<221> MISC\_FEATURE

<222> (13)..(13)

<223> X is unknown

<400> 144

Glu His Tyr Tyr Asn Asp Pro Leu Asn Gly Ala Arg Xaa  
1 5 10

<210> 145

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<220>

<221> MISC\_FEATURE

<222> (1)..(1)

<223> X is unknown

<220>

<221> MISC\_FEATURE

<222> (3)..(3)

<223> X is unknown

<220>

<221> MISC\_FEATURE

<222> (13)..(13)

<223> X is unknown

<400> 145

Xaa His Xaa Tyr Asn Asp Pro Leu Asn Gly Ala Arg Xaa  
 1 5 10

<210> 146  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<400> 146

Lys Pro Tyr Tyr Asp Pro Ile Thr Lys Met Thr His His  
 1 5 10

<210> 147  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<400> 147

Lys Pro Tyr Tyr Asp Pro Ile Thr Lys Met Ser His His  
 1 5 10

<210> 148  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<400> 148

Lys Pro Tyr Tyr Asp Pro Ile Ser Lys Met Thr His His  
 1 5 10

<210> 149  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (3)..(4)

<223> X is unknown

<400> 149

Lys Pro Xaa Xaa Asp Pro Ile Ser Lys Met Thr His His  
1 5 10

<210> 150

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 150

Gln Ile Gly Tyr Asp Glu Leu Thr Lys Ala Trp Val Thr  
1 5 10

<210> 151

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 151

Gln Leu Gly Tyr Asp Glu Leu Thr Lys Ala Trp Val Thr  
1 5 10

<210> 152

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<220>

<221> MISC\_FEATURE

<222> (6)..(6)

<223> X is unknown

<400> 152

Lys Ile Asp Glu Leu Xaa Met Gln Asn Ile Ile Ile Trp  
1 5 10

<210> 153  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 153

Asp His Thr Asp Pro Leu Ile Gln Gly Leu Thr Lys Arg  
 1 5 10

<210> 154  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 154

Trp His Asp Pro Leu Lys His Met His Phe His His Glu  
 1 5 10

<210> 155  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 155

Lys His Ile Asp Met Glu Thr Gly Leu Ile Leu Gln Asn  
 1 5 10

<210> 156  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 156

Met Gln Val Asp Pro Glu Thr Gly Leu Lys Tyr Glu His  
 1 5 10

<210> 157

<211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (1)..(1)  
 <223> X is unknown

<220>  
 <221> MISC\_FEATURE  
 <222> (8)..(10)  
 <223> X is unknown

<400> 157

Xaa Leu Asp Gln His Val Asn Xaa Xaa Xaa Tyr Gln Ser  
 1 5 10

<210> 158  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (2)..(4)  
 <223> X is unknown

<220>  
 <221> MISC\_FEATURE  
 <222> (6)..(7)  
 <223> X is unknown

<220>  
 <221> MISC\_FEATURE  
 <222> (13)..(13)  
 <223> X is unknown

<400> 158

Glu Xaa Xaa Xaa Thr Xaa Xaa Leu Thr Gly Ala Arg Xaa  
 1 5 10

<210> 159  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (9)..(9)  
 <223> X is unknown

<220>  
 <221> MISC\_FEATURE  
 <222> (6)..(6)  
 <223> X is unknown

<220>  
 <221> MISC\_FEATURE  
 <222> (13)..(13)  
 <223> X is unknown

<400> 159

Gly Pro Tyr Asn Ile Xaa Arg Leu Xaa Gly Glu Arg Xaa  
 1 5 10

<210> 160  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 160

His Ile Lys Met Leu His Gln Gly Ser Phe Val Gly Val  
 1 5 10

<210> 161  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (6)..(7)

<223> X is unknown

<220>

<221> MISC\_FEATURE

<222> (10)..(10)

<223> X is unknown

<400> 161

His Pro Thr Asn Thr Xaa Xaa His Gln Xaa Val Tyr Ser  
1 5 10

<210> 162

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<220>

<221> MISC\_FEATURE

<222> (6)..(7)

<223> X is unknown

<220>

<221> MISC\_FEATURE

<222> (12)..(12)

<223> X is unknown

<220>

<221> MISC\_FEATURE

<222> (13)..(13)

<223> X is unknown

<400> 162

His Arg Gly Gln Val Xaa Xaa Leu Asn Gly Met Val Xaa  
1 5 10

<210> 163

<211> 24

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 163

Ala Gly Lys Glu Pro Cys Tyr Phe Tyr Trp Glu Cys Ala Val Ser Gly  
 1 5 10 15

Pro Gly Pro Glu Gly Gly Gly Lys  
 20

<210> 164

<211> 25

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 164

Ala Gly Val Pro Phe Cys Asp Leu Leu Thr Lys His Cys Phe Glu Ala  
 1 5 10 15

Gly Pro Gly Pro Glu Gly Gly Gly Lys  
 20 25

<210> 165

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 165

Gly Ser Ser Arg Leu Cys His Met Asp Glu Leu Thr His Val Cys Val  
 1 5 10 15

His Phe Ala Pro Pro Gly Pro Glu Gly Gly Gly Lys  
 20 25

<210> 166

<211> 29

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 166

Gly Asp Gly Gly Asn Cys Tyr Thr Asp Ser Leu Thr Lys Leu His Phe  
 1 5 10 15



Cys Met Gly Asp Glu Pro Gly Pro Glu Gly Gly Gly Lys  
 20 25

<210> 167  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 167

Gly Tyr Asp Val Leu Thr Lys Leu Tyr Phe Val Pro Gly Gly Pro Gly  
 1 5 10 15

Pro Glu Gly Gly Gly Lys  
 20

<210> 168  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 168

Trp Thr Asp Ser Leu Thr Gly Leu Trp Phe Pro Asp Gly Gly Pro Gly  
 1 5 10 15

Pro Glu Gly Gly Gly Lys  
 20

<210> 169  
 <211> 24  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> modified BLYS binding polypeptide

<400> 169

Ala Gly Lys Glu Pro Cys Tyr Phe Tyr Trp Glu Cys Ala Val Ser Gly  
 1 5 10 15

Pro Gly Pro Glu Gly Gly Gly Lys  
 20

<210> 170  
 <211> 24  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> modified BLYS binding polypeptide  
  
 <400> 170

Ala Gly Arg Glu Pro Cys Tyr Phe Tyr Trp Glu Cys Ala Val Ser Gly  
 1 5 10 15

Pro Gly Pro Glu Gly Gly Gly Lys  
 20

<210> 171  
 <211> 24  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> modified BLYS binding polypeptide  
  
 <400> 171

Ala Gly Gln Glu Pro Cys Tyr Phe Tyr Trp Glu Cys Ala Val Ser Gly  
 1 5 10 15

Pro Gly Pro Glu Gly Gly Gly Lys  
 20

<210> 172  
 <211> 25  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> modified BLYS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (4)..(4)  
 <223> X is norleucine

<400> 172

Ala Gly Asn Xaa Glu Pro Cys Tyr Phe Tyr Trp Glu Cys Ala Val Ser  
 1 5 10 15

Gly Pro Gly Pro Glu Gly Gly Gly Lys  
 20 25

<210> 173  
 <211> 285  
 <212> PRT  
 <213> Homo Sapiens

<400> 173

Met Asp Asp Ser Thr Glu Arg Glu Gln Ser Arg Leu Thr Ser Cys Leu  
 1 5 10 15

Lys Lys Arg Glu Glu Met Lys Leu Lys Glu Cys Val Ser Ile Leu Pro  
 20 25 30

Arg Lys Glu Ser Pro Ser Val Arg Ser Ser Lys Asp Gly Lys Leu Leu  
 35 40 45

Ala Ala Thr Leu Leu Leu Ala Leu Leu Ser Cys Cys Leu Thr Val Val  
 50 55 60

Ser Phe Tyr Gln Val Ala Ala Leu Gln Gly Asp Leu Ala Ser Leu Arg  
 65 70 75 80

Ala Glu Leu Gln Gly His His Ala Glu Lys Leu Pro Ala Gly Ala Gly  
 85 90 95

Ala Pro Lys Ala Gly Leu Glu Glu Ala Pro Ala Val Thr Ala Gly Leu  
 100 105 110

Lys Ile Phe Glu Pro Pro Ala Pro Gly Glu Gly Asn Ser Ser Gln Asn  
 115 120 125

Ser Arg Asn Lys Arg Ala Val Gln Gly Pro Glu Glu Thr Val Thr Gln  
 130 135 140

Asp Cys Leu Gln Leu Ile Ala Asp Ser Glu Thr Pro Thr Ile Gln Lys  
 145 150 155 160

Gly Ser Tyr Thr Phe Val Pro Trp Leu Leu Ser Phe Lys Arg Gly Ser  
 165 170 175

Ala Leu Glu Glu Lys Glu Asn Lys Ile Leu Val Lys Glu Thr Gly Tyr

180	185	190
Phe Phe Ile Tyr Gly Gln Val Leu Tyr Thr Asp Lys Thr Tyr Ala Met 195 200 205		
Gly His Leu Ile Gln Arg Lys Lys Val His Val Phe Gly Asp Glu Leu 210 215 220		
Ser Leu Val Thr Leu Phe Arg Cys Ile Gln Asn Met Pro Glu Thr Leu 225 230 235 240		
Pro Asn Asn Ser Cys Tyr Ser Ala Gly Ile Ala Lys Leu Glu Glu Gly 245 250 255		
Asp Glu Leu Gln Leu Ala Ile Pro Arg Glu Asn Ala Gln Ile Ser Leu 260 265 270		
Asp Gly Asp Val Thr Phe Phe Gly Ala Leu Lys Leu Leu 275 280 285		
<210> 174		
<211> 266		
<212> PRT		
<213> Homo Sapiens		
<400> 174		
Met Asp Asp Ser Thr Glu Arg Glu Gln Ser Arg Leu Thr Ser Cys Leu 1 5 10 15		
Lys Lys Arg Glu Glu Met Lys Leu Lys Glu Cys Val Ser Ile Leu Pro 20 25 30		
Arg Lys Glu Ser Pro Ser Val Arg Ser Ser Lys Asp Gly Lys Leu Leu 35 40 45		
Ala Ala Thr Leu Leu Leu Ala Leu Leu Ser Cys Cys Leu Thr Val Val 50 55 60		
Ser Phe Tyr Gln Val Ala Ala Leu Gln Gly Asp Leu Ala Ser Leu Arg 65 70 75 80		
Ala Glu Leu Gln Gly His His Ala Glu Lys Leu Pro Ala Gly Ala Gly 85 90 95		

Ala Pro Lys Ala Gly Leu Glu Glu Ala Pro Ala Val Thr Ala Gly Leu  
100 105 110

Lys Ile Phe Glu Pro Pro Ala Pro Gly Glu Gly Asn Ser Ser Gln Asn  
115 120 125

Ser Arg Asn Lys Arg Ala Val Gln Gly Pro Glu Glu Thr Gly Ser Tyr  
130 135 140

Thr Phe Val Pro Trp Leu Leu Ser Phe Lys Arg Gly Ser Ala Leu Glu  
145 150 155 160

Glu Lys Glu Asn Lys Ile Leu Val Lys Glu Thr Gly Tyr Phe Phe Ile  
165 170 175

Tyr Gly Gln Val Leu Tyr Thr Asp Lys Thr Tyr Ala Met Gly His Leu  
180 185 190

Ile Gln Arg Lys Lys Val His Val Phe Gly Asp Glu Leu Ser Leu Val  
195 200 205

Thr Leu Phe Arg Cys Ile Gln Asn Met Pro Glu Thr Leu Pro Asn Asn  
210 215 220

Ser Cys Tyr Ser Ala Gly Ile Ala Lys Leu Glu Glu Gly Asp Glu Leu  
225 230 235 240

Gln Leu Ala Ile Pro Arg Glu Asn Ala Gln Ile Ser Leu Asp Gly Asp  
245 250 255

Val Thr Phe Phe Gly Ala Leu Lys Leu Leu  
260 265

<210> 175  
<211> 309  
<212> PRT  
<213> mouse

<400> 175

Met Asp Glu Ser Ala Lys Thr Leu Pro Pro Pro Cys Leu Cys Phe Cys  
1 5 10 15

Ser Glu Lys Gly Glu Asp Met Lys Val Gly Tyr Asp Pro Ile Thr Pro

20

25

30

Gln Lys Glu Glu Gly Ala Trp Phe Gly Ile Cys Arg Asp Gly Arg Leu  
35 40 45

Leu Ala Ala Thr Leu Leu Leu Ala Leu Leu Ser Ser Ser Phe Thr Ala  
50 55 60

Met Ser Leu Tyr Gln Leu Ala Ala Leu Gln Ala Asp Leu Met Asn Leu  
65 70 75 80

Arg Met Glu Leu Gln Ser Tyr Arg Gly Ser Ala Thr Pro Ala Ala Ala  
85 90 95

Gly Ala Pro Glu Leu Thr Ala Gly Val Lys Leu Leu Thr Pro Ala Ala  
100 105 110

Pro Arg Pro His Asn Ser Ser Arg Gly His Arg Asn Arg Arg Ala Phe  
115 120 125

Gln Gly Pro Glu Glu Thr Glu Gln Asp Val Asp Leu Ser Ala Pro Pro  
130 135 140

Ala Pro Cys Leu Pro Gly Cys Arg His Ser Gln His Asp Asp Asn Gly  
145 150 155 160

Met Asn Leu Arg Asn Ile Ile Gln Asp Cys Leu Gln Leu Ile Ala Asp  
165 170 175

Ser Asp Thr Pro Thr Ile Arg Lys Gly Thr Tyr Thr Phe Val Pro Trp  
180 185 190

Leu Leu Ser Phe Lys Arg Gly Asn Ala Leu Glu Glu Lys Glu Asn Lys  
195 200 205

Ile Val Val Arg Gln Thr Gly Tyr Phe Phe Ile Tyr Ser Gln Val Leu  
210 215 220

Tyr Thr Asp Pro Ile Phe Ala Met Gly His Val Ile Gln Arg Lys Lys  
225 230 235 240

Val His Val Phe Gly Asp Glu Leu Ser Leu Val Thr Leu Phe Arg Cys  
245 250 255

Ile Gln Asn Met Pro Lys Thr Leu Pro Asn Asn Ser Cys Tyr Ser Ala  
 260 265 270

Gly Ile Ala Arg Leu Glu Glu Gly Asp Glu Ile Gln Leu Ala Ile Pro  
 275 280 285

Arg Glu Asn Ala Gln Ile Ser Arg Asn Gly Asp Asp Thr Phe Phe Gly  
 290 295 300

Ala Leu Lys Leu Leu  
 305

<210> 176  
 <211> 290  
 <212> PRT  
 <213> mouse  
 <400> 176

Met Asp Glu Ser Ala Lys Thr Leu Pro Pro Pro Cys Leu Cys Phe Cys  
 1 5 10 15

Ser Glu Lys Gly Glu Asp Met Lys Val Gly Tyr Asp Pro Ile Thr Pro  
 20 25 30

Gln Lys Glu Glu Gly Ala Trp Phe Gly Ile Cys Arg Asp Gly Arg Leu  
 35 40 45

Leu Ala Ala Thr Leu Leu Leu Ala Leu Leu Ser Ser Ser Phe Thr Ala  
 50 55 60

Met Ser Leu Tyr Gln Leu Ala Ala Leu Gln Ala Asp Leu Met Asn Leu  
 65 70 75 80

Arg Met Glu Leu Gln Ser Tyr Arg Gly Ser Ala Thr Pro Ala Ala Ala  
 85 90 95

Gly Ala Pro Glu Leu Thr Ala Gly Val Lys Leu Leu Thr Pro Ala Ala  
 100 105 110

Pro Arg Pro His Asn Ser Ser Arg Gly His Arg Asn Arg Arg Ala Phe  
 115 120 125

Gln Gly Pro Glu Glu Thr Glu Gln Asp Val Asp Leu Ser Ala Pro Pro  
 130 135 140

Ala Pro Cys Leu Pro Gly Cys Arg His Ser Gln His Asp Asp Asn Gly  
 145 150 155 160

Met Asn Leu Arg Asn Arg Thr Tyr Thr Phe Val Pro Trp Leu Leu Ser  
 165 170 175

Phe Lys Arg Gly Asn Ala Leu Glu Glu Lys Glu Asn Lys Ile Val Val  
 180 185 190

Arg Gln Thr Gly Tyr Phe Phe Ile Tyr Ser Gln Val Leu Tyr Thr Asp  
 195 200 205

Pro Ile Phe Ala Met Gly His Val Ile Gln Arg Lys Lys Val His Val  
 210 215 220

Phe Gly Asp Glu Leu Ser Leu Val Thr Leu Phe Arg Cys Ile Gln Asn  
 225 230 235 240

Met Pro Lys Thr Leu Pro Asn Asn Ser Cys Tyr Ser Ala Gly Ile Ala  
 245 250 255

Arg Leu Glu Glu Gly Asp Glu Ile Gln Leu Ala Ile Pro Arg Glu Asn  
 260 265 270

Ala Gln Ile Ser Arg Asn Gly Asp Asp Thr Phe Phe Gly Ala Leu Lys  
 275 280 285

Leu Leu  
 290

<210> 177  
 <211> 239  
 <212> PRT  
 <213> rat

<400> 177

Ala Val Gln Ala Asp Leu Met Ser Leu Arg Met Glu Leu Gln Ser Tyr  
 1 5 10 15

Arg Ser Ser Ala Thr Pro Ala Ala Pro Gly Ala Pro Gly Leu Ser Ala  
 20 25 30



Gly Val Lys Leu Pro Thr Pro Ala Ala Pro Gly Pro His Asn Ser Ser  
 35 40 45

Arg Gly Gln Arg Asn Arg Arg Ala Phe Gln Gly Pro Glu Glu Thr Glu  
 50 55 60

Gln Asp Val Asp Leu Ser Ala Thr Pro Ala Pro Ser Leu Pro Gly Asn  
 65 70 75 80

Cys His Ala Ser His His Asp Glu Asn Gly Leu Asn Leu Arg Thr Ile  
 85 90 95

Ile Gln Asp Cys Leu Gln Leu Ile Ala Asp Ser Asn Thr Pro Thr Ile  
 100 105 110

Arg Lys Gly Thr Tyr Thr Phe Val Pro Trp Leu Leu Ser Phe Lys Arg  
 115 120 125

Gly Asn Ala Leu Glu Glu Lys Glu Asn Lys Ile Val Val Arg Gln Thr  
 130 135 140

Gly Tyr Phe Phe Ile Tyr Ser Gln Val Leu Tyr Thr Asp Pro Ile Phe  
 145 150 155 160

Ala Met Gly His Val Ile Gln Arg Lys Lys Ile His Val Phe Gly Asp  
 165 170 175

Glu Leu Ser Leu Val Thr Leu Phe Arg Cys Ile Gln Asn Met Pro Lys  
 180 185 190

Thr Leu Pro Asn Asn Ser Cys Tyr Ser Ala Gly Ile Ala Lys Leu Glu  
 195 200 205

Glu Gly Asp Glu Ile Gln Leu Ala Ile Pro Arg Glu Asn Ala Gln Ile  
 210 215 220

Ser Arg Asn Gly Asp Asp Thr Phe Phe Gly Ala Leu Lys Leu Leu  
 225 230 235

<210> 178  
 <211> 220  
 <212> PRT

<213> rat

<400> 178

Ala Val Gln Ala Asp Leu Met Ser Leu Arg Met Glu Leu Gln Ser Tyr  
1 5 10 15

Arg Ser Ser Ala Thr Pro Ala Ala Pro Gly Ala Pro Gly Leu Ser Ala  
20 25 30

Gly Val Lys Leu Pro Thr Pro Ala Ala Pro Gly Pro His Asn Ser Ser  
35 40 45

Arg Gly Gln Arg Asn Arg Arg Ala Phe Gln Gly Pro Glu Glu Thr Glu  
50 55 60

Gln Asp Val Asp Leu Ser Ala Thr Pro Val Pro Ser Leu Pro Gly Asn  
65 70 75 80

Cys His Ala Ser His His Asp Glu Asn Gly Leu Asn Leu Arg Thr Arg  
85 90 95

Thr Tyr Thr Phe Val Pro Trp Leu Leu Ser Phe Lys Arg Gly Asn Ala  
100 105 110

Leu Glu Glu Lys Glu Asn Lys Ile Val Val Arg Gln Thr Gly Tyr Phe  
115 120 125

Phe Ile Tyr Ser Gln Val Leu Tyr Thr Asp Pro Ile Phe Ala Met Gly  
130 135 140

His Val Ile Gln Arg Lys Lys Ile His Val Phe Gly Asp Glu Leu Ser  
145 150 155 160

Leu Val Thr Leu Phe Arg Cys Ile Gln Asn Met Pro Lys Thr Leu Pro  
165 170 175

Asn Asn Ser Cys Tyr Ser Ala Gly Ile Ala Lys Leu Glu Glu Gly Asp  
180 185 190

Glu Ile Gln Leu Ala Ile Pro Arg Glu Asn Ala Gln Ile Ser Arg Asn  
195 200 205

Gly Asp Asp Thr Phe Phe Gly Ala Leu Lys Leu Leu

210

215

220

&lt;210&gt; 179

&lt;211&gt; 207

&lt;212&gt; PRT

&lt;213&gt; rat

&lt;400&gt; 179

Ala Val Gln Ala Asp Leu Met Ser Leu Arg Met Glu Leu Gln Ser Tyr  
1 5 10 15

Arg Ser Ser Ala Thr Pro Ala Ala Pro Gly Ala Pro Gly Leu Ser Ala  
20 25 30

Gly Val Lys Leu Pro Thr Pro Ala Ala Pro Gly Pro His Asn Ser Ser  
35 40 45

Arg Gly Gln Arg Asn Arg Arg Ala Phe Gln Gly Pro Glu Glu Thr Val  
50 55 60

Ile Gln Asp Cys Leu Gln Leu Ile Ala Asp Ser Asn Thr Pro Thr Ile  
65 70 75 80

Arg Lys Gly Thr Tyr Thr Phe Val Pro Trp Leu Leu Ser Phe Lys Arg  
85 90 95

Gly Asn Ala Leu Glu Glu Lys Glu Asn Lys Ile Val Val Arg Gln Thr  
100 105 110

Gly Tyr Phe Phe Ile Tyr Ser Gln Val Leu Tyr Thr Asp Pro Ile Phe  
115 120 125

Ala Met Gly His Val Ile Gln Arg Lys Lys Ile His Val Phe Gly Asp  
130 135 140

Glu Leu Ser Leu Val Thr Leu Phe Arg Cys Ile Gln Asn Met Pro Lys  
145 150 155 160

Thr Leu Pro Asn Asn Ser Cys Tyr Ser Ala Gly Ile Ala Lys Leu Glu  
165 170 175

Glu Gly Asp Glu Val Gln Leu Ala Ile Pro Arg Glu Asn Ala Gln Ile  
180 185 190

Ser Arg Asn Gly Asp Asp Thr Phe Phe Gly Ala Leu Lys Leu Leu  
 195 200 205

<210> 180  
 <211> 188  
 <212> PRT  
 <213> rat

<400> 180

Ala Val Gln Ala Asp Leu Met Ser Leu Arg Met Glu Leu Gln Ser Tyr  
 1 5 10 15

Arg Ser Ser Ala Thr Pro Ala Ala Pro Gly Ala Pro Gly Leu Ser Ala  
 20 25 30

Gly Val Lys Leu Pro Thr Pro Ala Ala Pro Gly Pro His Asn Ser Ser  
 35 40 45

Arg Gly Gln Arg Asn Arg Arg Ala Phe Gln Gly Pro Glu Glu Thr Gly  
 50 55 60

Thr Tyr Thr Phe Val Pro Trp Leu Leu Ser Phe Lys Arg Gly Asn Ala  
 65 70 75 80

Leu Glu Glu Lys Glu Asn Lys Ile Val Val Arg Gln Thr Gly Tyr Phe  
 85 90 95

Phe Ile Tyr Ser Gln Val Leu Tyr Thr Asp Pro Ile Phe Ala Met Gly  
 100 105 110

His Val Ile Gln Arg Lys Lys Ile His Val Phe Gly Asp Glu Leu Ser  
 115 120 125

Leu Val Thr Leu Phe Arg Cys Ile Gln Asn Met Pro Lys Thr Leu Pro  
 130 135 140

Asn Asn Ser Cys Tyr Ser Ala Gly Ile Ala Lys Leu Glu Glu Gly Asp  
 145 150 155 160

Glu Ile Gln Leu Ala Ile Pro Arg Glu Asn Ala Gln Ile Ser Arg Asn  
 165 170 175

Gly Asp Asp Thr Phe Phe Gly Ala Leu Lys Leu Leu

180

185

<210> 181  
 <211> 243  
 <212> PRT  
 <213> monkey

<400> 181

Lys Asp Arg Lys Leu Leu Ala Ala Ala Leu Leu Leu Ala Leu Leu Ser  
 1 5 10 15

Cys Cys Leu Met Val Val Ser Phe Tyr Gln Val Ala Ala Leu Gln Gly  
 20 25 30

Asp Leu Ala Ser Leu Arg Ala Glu Leu Gln Gly His His Ala Glu Lys  
 35 40 45

Leu Pro Ala Arg Ala Arg Ala Pro Lys Ala Gly Leu Gly Glu Ala Pro  
 50 55 60

Ala Val Thr Ala Gly Leu Lys Ile Phe Glu Pro Pro Ala Pro Gly Glu  
 65 70 75 80

Gly Asn Ser Ser Gln Ser Ser Arg Asn Lys Arg Ala Ile Gln Gly Ala  
 85 90 95

Glu Glu Thr Val Ile Gln Asp Cys Leu Gln Leu Ile Ala Asp Ser Glu  
 100 105 110

Thr Pro Thr Ile Gln Lys Gly Ser Tyr Thr Phe Val Pro Trp Leu Leu  
 115 120 125

Ser Phe Lys Arg Gly Ser Ala Leu Glu Glu Lys Glu Asn Lys Ile Leu  
 130 135 140

Val Lys Glu Thr Gly Tyr Phe Phe Ile Tyr Gly Gln Val Leu Tyr Thr  
 145 150 155 160

Asp Lys Thr Tyr Ala Met Gly His Leu Ile Gln Arg Lys Lys Val His  
 165 170 175

Val Phe Gly Asp Glu Leu Ser Leu Val Thr Leu Phe Arg Cys Ile Gln  
 180 185 190

Asn Met Pro Glu Thr Leu Pro Asn Asn Ser Cys Tyr Ser Ala Gly Ile  
 195 200 205

Ala Lys Leu Glu Glu Gly Asp Glu Leu Gln Leu Ala Ile Pro Arg Glu  
 210 215 220

Asn Ala Gln Ile Ser Leu Asp Gly Asp Val Thr Phe Phe Gly Ala Leu  
 225 230 235 240

Lys Leu Leu

<210> 182

<211> 219

<212> PRT

<213> monkey

<400> 182

Tyr Gln Val Ala Ala Val Gln Gly Asp Leu Ala Ser Leu Arg Ala Glu  
 1 5 10 15

Leu Gln Ser His His Ala Glu Lys Leu Pro Ala Arg Ala Arg Ala Pro  
 20 25 30

Lys Ala Gly Leu Gly Glu Ala Pro Ala Val Thr Ala Gly Leu Lys Ile  
 35 40 45

Phe Glu Pro Pro Ala Pro Gly Glu Gly Asn Ser Ser Gln Ser Ser Arg  
 50 55 60

Asn Lys Arg Ala Ile Gln Gly Ala Glu Glu Thr Val Ile Gln Asp Cys  
 65 70 75 80

Leu Gln Leu Ile Ala Asp Ser Glu Thr Pro Thr Ile Gln Lys Gly Ser  
 85 90 95

Tyr Thr Phe Val Pro Trp Leu Leu Ser Phe Lys Arg Gly Ser Ala Leu  
 100 105 110

Glu Glu Lys Glu Asn Lys Ile Leu Val Lys Glu Thr Gly Tyr Phe Phe  
 115 120 125

Ile Tyr Gly Gln Val Leu Tyr Thr Asp Lys Thr Tyr Ala Met Gly His

130

135

140

Leu Ile Gln Arg Lys Lys Val His Val Phe Gly Asp Glu Leu Ser Leu  
 145 150 155 160

Val Thr Leu Phe Arg Cys Ile Gln Asn Met Pro Glu Thr Leu Pro Asn  
 165 170 175

Asn Ser Cys Tyr Ser Ala Gly Ile Ala Lys Leu Glu Glu Gly Asp Glu  
 180 185 190

Leu Gln Leu Ala Ile Pro Arg Glu Asn Ala Gln Ile Ser Leu Asp Gly  
 195 200 205

Asp Val Thr Phe Phe Gly Ala Leu Lys Leu Leu  
 210 215

<210> 183  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> epitope tag

<400> 183

Asp Tyr Lys Asp Asp Asp Asp Lys  
 1 5

<210> 184  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> consensus BLYS binding polypeptide

<400> 184

Ala Asn Trp Tyr Asp Ser Leu Thr Lys Leu Trp Leu Pro Asp  
 1 5 10

<210> 185  
 <211> 42  
 <212> DNA  
 <213> Artificial Sequence

<220>

<223> coding sequence for BLyS affinity maturation library template

<220>

<221> misc\_feature

<222> (4)..(12)

<223> N=A or G or C or T

<220>

<221> misc\_feature

<222> (16)..(18)

<223> N=A or G or C or T

<220>

<221> misc\_feature

<222> (25)..(27)

<223> N=A or G or C or T

<220>

<221> misc\_feature

<222> (31)..(42)

<223> N=A or G or C or T

<400> 185

gctnnnnnnnn nngatnnnct tactnnnctc nnnnnnnnnn nn

42

<210> 186

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLyS binding polypeptide

<400> 186

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Asp  
1 5 10

<210> 187

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLyS binding polypeptide

<400> 187

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Glu  
1 5 10



<210> 188  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 188

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Gly  
 1 5 10

<210> 189  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 189

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Val  
 1 5 10

<210> 190  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 190

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Ser Asp  
 1 5 10

<210> 191  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 191

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Asn Asp  
 1 5 10

<210> 192  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 192

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Thr  
 1 5 10

<210> 193  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 193

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Ala  
 1 5 10

<210> 194  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 194

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Asn  
 1 5 10

<210> 195  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 195

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Val Asp  
 1 5 10

<210> 196

<211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide  
 <400> 196

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu His Asp  
 1 5 10

<210> 197  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide  
 <400> 197

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Thr Asp  
 1 5 10

<210> 198  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide  
 <400> 198

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro His  
 1 5 10

<210> 199  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide  
 <400> 199

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Thr Val  
 1 5 10

<210> 200  
 <211> 14

<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 200

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Leu Asp  
1 5 10

<210> 201  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 201

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Leu Glu  
1 5 10

<210> 202  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 202

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu His Glu  
1 5 10

<210> 203  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 203

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Arg  
1 5 10

<210> 204  
<211> 14  
<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 204

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Ala Asp  
1 5 10

<210> 205

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 205

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Tyr  
1 5 10

<210> 206

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 206

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Ile  
1 5 10

<210> 207

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 207

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Ile Asp  
1 5 10

<210> 208

<211> 14

<212> PRT

<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 208

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Arg Asp  
1 5 10

<210> 209  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 209

Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Asp  
1 5 10

<210> 210  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 210

Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Leu Glu  
1 5 10

<210> 211  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 211

Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Arg Val  
1 5 10

<210> 212  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 212

Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Glu  
1 5 10

<210> 213  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 213

Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Val  
1 5 10

<210> 214  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 214

Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu His Gln  
1 5 10

<210> 215  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 215

Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Ala  
1 5 10

<210> 216  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>

<223> BLyS binding polypeptide

<400> 216

Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Arg Val  
1 5 10

<210> 217

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLyS binding polypeptide

<400> 217

Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Gly  
1 5 10

<210> 218

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLyS binding polypeptide

<400> 218

Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Arg Tyr  
1 5 10

<210> 219

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLyS binding polypeptide

<400> 219

Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Tyr  
1 5 10

<210> 220

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLyS binding polypeptide



<400> 220

Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Leu Tyr  
1 5 10

<210> 221

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 221

Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Arg Asp  
1 5 10

<210> 222

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 222

Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Val  
1 5 10

<210> 223

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 223

Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Leu Gly  
1 5 10

<210> 224

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 224

Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Thr His  
1 5 10

<210> 225

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 225

Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Thr  
1 5 10

<210> 226

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 226

Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Leu Val  
1 5 10

<210> 227

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 227

Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Tyr Tyr  
1 5 10

<210> 228

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 228

Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Ser Asp  
 1 5 10

<210> 229  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 229

Ala Ser Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Ala  
 1 5 10

<210> 230  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 230

Ala Ser Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu His Asp  
 1 5 10

<210> 231  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 231

Ala Ser Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Gly  
 1 5 10

<210> 232  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 232

Ala Ser Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Gln  
1 5 10

<210> 233  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 233

Ala Ser Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Tyr  
1 5 10

<210> 234  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 234

Ala Ser Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro His  
1 5 10

<210> 235  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 235

Ala Ser Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Val  
1 5 10

<210> 236  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 236

Ala Ser Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Ile

1 5 10

<210> 237  
<211> 14  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> BLYS binding polypeptide  
  
<400> 237

Ala Ser Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Glu  
1 5 10

<210> 238  
<211> 14  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> BLYS binding polypeptide  
  
<400> 238

Ala Phe Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Arg Val  
1 5 10

<210> 239  
<211> 14  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> BLYS binding polypeptide  
  
<400> 239

Ala Phe Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Glu  
1 5 10

<210> 240  
<211> 14  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> BLYS binding polypeptide  
  
<400> 240

Ala Phe Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Leu Glu  
1 5 10

<210> 241  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 241

Ala Phe Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Val  
1 5 10

<210> 242  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 242

Ala Ile Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Glu  
1 5 10

<210> 243  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 243

Ala Ile Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Asp  
1 5 10

<210> 244  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 244

Ala Ile Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu His Asp  
1 5 10

<210> 245  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<400> 245

Ala Ile Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Thr Asp  
 1 5 10

<210> 246  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<400> 246

Ala Ile Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Phe  
 1 5 10

<210> 247  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<400> 247

Ala Ile Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Leu Asp  
 1 5 10

<210> 248  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<400> 248

Ala Ile Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Arg  
 1 5 10

<210> 249  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<400> 249

Ala Ile Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Ala  
 1 5 10

<210> 250  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<400> 250

Ala Ile Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Thr Ala  
 1 5 10

<210> 251  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<400> 251

Ala Ile Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Ala Val  
 1 5 10

<210> 252  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<400> 252

Ala Ile Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Gly  
 1 5 10

<210> 253



<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 253

Ala Ile Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Arg Val  
1 5 10

<210> 254  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 254

Ala Ile Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro His  
1 5 10

<210> 255  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 255

Ala Ile Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Arg Glu  
1 5 10

<210> 256  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 256

Ala Ile Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Ser Asp  
1 5 10

<210> 257  
<211> 14

<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 257

Ala Thr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Ala  
1 5 10

<210> 258  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 258

Ala Thr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Ala Asp  
1 5 10

<210> 259  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 259

Ala Thr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Thr Ser  
1 5 10

<210> 260  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 260

Ala Thr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Gly  
1 5 10

<210> 261  
<211> 14  
<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 261

Ala Thr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Tyr  
1 5 10

<210> 262

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 262

Ala Thr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Ser Gly  
1 5 10

<210> 263

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 263

Ala Thr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Val  
1 5 10

<210> 264

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 264

Ala Thr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Asp  
1 5 10

<210> 265

<211> 14

<212> PRT

<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide  
  
<400> 265

Ala Asp Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Val  
1 5 10

<210> 266  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide  
  
<400> 266

Ala Asp Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Lys  
1 5 10

<210> 267  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide  
  
<400> 267

Ala Asp Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Asp  
1 5 10

<210> 268  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide  
  
<400> 268

Ala Asp Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Glu  
1 5 10

<210> 269  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 269

Ala Asp Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu His Gln  
1 5 10

<210> 270  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 270

Ala Glu Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Arg Asp  
1 5 10

<210> 271  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 271

Ala Glu Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Asp  
1 5 10

<210> 272  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 272

Ala Glu Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Tyr  
1 5 10

<210> 273  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 273

Ala Leu Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Ala  
1 5 10

<210> 274

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 274

Ala Leu Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Asp  
1 5 10

<210> 275

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 275

Ala Leu Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Arg Gly  
1 5 10

<210> 276

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 276

Ala Leu Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Leu Gly  
1 5 10

<210> 277

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 277

Ala Met Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Ala  
1 5 10

<210> 278

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 278

Ala Met Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Gln Val  
1 5 10

<210> 279

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 279

Ala Met Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Leu Gly  
1 5 10

<210> 280

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 280

Ala Ala Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Asp  
1 5 10

<210> 281

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 281

Ala Ala Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Ala Asp  
1 5 10

<210> 282

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 282

Ala Ala Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Leu Asp  
1 5 10

<210> 283

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 283

Ala His Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Thr Asp  
1 5 10

<210> 284

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 284

Ala His Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Val  
1 5 10

<210> 285

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 285



Ala His Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu His Asp  
 1 5 10

<210> 286  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 286

Ala His Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Asp  
 1 5 10

<210> 287  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 287

Ala Pro Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu His Asp  
 1 5 10

<210> 288  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 288

Ala Pro Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Val  
 1 5 10

<210> 289  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 289

Ala Gln Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Glu  
1 5 10

<210> 290  
<211> 14  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> BLYS binding polypeptide  
  
<400> 290

Ala Gln Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Tyr  
1 5 10

<210> 291  
<211> 14  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> BLYS binding polypeptide  
  
<400> 291

Ala Gln Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Arg  
1 5 10

<210> 292  
<211> 14  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> BLYS binding polypeptide  
  
<400> 292

Ala Lys Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Asp  
1 5 10

<210> 293  
<211> 14  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> BLYS binding polypeptide  
  
<400> 293

Ala Lys Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Val

1 5 10

<210> 294  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 294

Ala Lys Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Val  
 1 5 10

<210> 295  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 295

Ala Lys Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Asn Gly  
 1 5 10

<210> 296  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 296

Ala Trp Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Ala  
 1 5 10

<210> 297  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 297

Ala Val Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Thr Asp  
 1 5 10

<210> 298  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<400> 298

Ala Tyr Glu Tyr Asp Pro Leu Thr Lys Leu Trp Leu Leu Tyr  
 1 5 10

<210> 299  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<400> 299

Ala Thr Lys Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Asp  
 1 5 10

<210> 300  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<400> 300

Ala Thr Leu Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Gly  
 1 5 10

<210> 301  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<400> 301

Ala Ile Arg Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Tyr  
 1 5 10

<210> 302  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<400> 302

Ala Glu Arg Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro His  
 1 5 10

<210> 303  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<400> 303

Ala Asp Arg Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Gln  
 1 5 10

<210> 304  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<400> 304

Ala Asn Ser Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Glu  
 1 5 10

<210> 305  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<400> 305

Ala Ile Leu Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Asp  
 1 5 10

<210> 306  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 306

Ala Asn Trp Phe Asp Pro Leu Thr Lys Leu Trp Leu Pro Gln  
 1 5 10

<210> 307  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 307

Ala Asn Trp Phe Asp Pro Leu Thr Lys Leu Trp Leu Pro Val  
 1 5 10

<210> 308  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 308

Ala Asn Trp Phe Asp Pro Leu Thr Lys Leu Trp Leu Thr Asp  
 1 5 10

<210> 309  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 309

Ala Asn Trp Phe Asp Pro Leu Thr Lys Leu Trp Leu Pro Asp  
 1 5 10

<210> 310

<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 310

Ala Asn Trp Phe Asp Pro Leu Thr Lys Leu Trp Leu Pro Gly  
1 5 10

<210> 311  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 311

Ala Asn Trp Phe Asp Pro Leu Thr Lys Leu Trp Leu Pro Glu  
1 5 10

<210> 312  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 312

Ala Asn Trp Phe Asp Pro Leu Thr Lys Leu Trp Leu Pro Ala  
1 5 10

<210> 313  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 313

Ala Asn Trp Phe Asp Pro Leu Thr Lys Leu Trp Leu Pro Asn  
1 5 10

<210> 314  
<211> 14

<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 314

Ala Asn Trp Phe Asp Pro Leu Thr Lys Leu Trp Leu Ser Glu  
1 5 10

<210> 315  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 315

Ala Asn Trp Phe Asp Pro Leu Thr Lys Leu Trp Leu His Asp  
1 5 10

<210> 316  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 316

Ala Asn Trp Phe Asp Pro Leu Thr Lys Leu Trp Leu Val Asp  
1 5 10

<210> 317  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 317

Ala Tyr Trp Phe Asp Pro Leu Thr Lys Leu Trp Leu Pro Asp  
1 5 10

<210> 318  
<211> 14  
<212> PRT



<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 318

Ala Tyr Trp Phe Asp Pro Leu Thr Lys Leu Trp Leu Pro Val  
1 5 10

<210> 319

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 319

Ala Tyr Trp Phe Asp Pro Leu Thr Lys Leu Trp Leu Pro Ala  
1 5 10

<210> 320

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 320

Ala Gln Trp Phe Asp Pro Leu Thr Lys Leu Trp Leu Pro Asp  
1 5 10

<210> 321

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 321

Ala His Trp Phe Asp Pro Leu Thr Lys Leu Trp Leu Pro Asp  
1 5 10

<210> 322

<211> 14

<212> PRT

<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 322

Ala Thr Trp Phe Asp Pro Leu Thr Lys Leu Trp Leu Pro Val  
1 5 10

<210> 323  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 323

Ala Tyr Trp Tyr Asp Ser Leu Thr Lys Leu Trp Leu Pro Val  
1 5 10

<210> 324  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 324

Ala Tyr Trp Tyr Asp Ser Leu Thr Lys Leu Trp Leu His Asp  
1 5 10

<210> 325  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 325

Ala Asn Trp Tyr Asp Ser Leu Thr Lys Leu Trp Ile Pro Asp  
1 5 10

<210> 326  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLyS binding polypeptide

<400> 326

Ala Asn Trp Tyr Asp Ser Leu Thr Lys Leu Trp Leu Pro Val  
1 5 10

<210> 327  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLyS binding polypeptide

<400> 327

Ala Asn Trp Tyr Asp Ser Leu Thr Lys Leu Trp Leu Pro Asp  
1 5 10

<210> 328  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLyS binding polypeptide

<400> 328

Ala Asn Trp Tyr Asp Ser Leu Thr Lys Leu Trp Leu Ala Asp  
1 5 10

<210> 329  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLyS binding polypeptide

<400> 329

Ala Asn Trp Tyr Asp Ser Leu Thr Lys Leu Trp Leu Pro Ala  
1 5 10

<210> 330  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 330

Ala Asn Trp Tyr Asp Ser Leu Thr Lys Leu Trp Leu Tyr Glu  
1 5 10

<210> 331

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 331

Ala Gly Trp Tyr Asp Ser Leu Thr Lys Leu Trp Leu Pro Asp  
1 5 10

<210> 332

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 332

Ala Val Trp Tyr Asp Ser Leu Thr Lys Leu Trp Leu Thr Asp  
1 5 10

<210> 333

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 333

Ala Asn Trp Tyr Asp Ala Leu Thr Lys Leu Trp Leu Pro Val  
1 5 10

<210> 334

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 334

Ala Tyr Trp Tyr Asp Thr Leu Thr Lys Leu Trp Leu Pro Asn  
1 5 10

<210> 335

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 335

Ala Phe Trp Tyr Asp Pro Leu Thr Asn Leu Trp Leu Leu Glu  
1 5 10

<210> 336

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 336

Ala Tyr Trp Tyr Asp Pro Leu Thr Gly Leu Trp Leu Leu Val  
1 5 10

<210> 337

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 337

Ala Tyr Trp Tyr Asp Pro Leu Thr Gly Leu Trp Leu Leu Tyr  
1 5 10

<210> 338

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 338

Ala Tyr Trp Tyr Asp Pro Leu Thr Gly Leu Trp Leu Arg Val  
1 5 10

<210> 339

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 339

Ala Tyr Trp Tyr Asp Pro Leu Thr Glu Leu Trp Leu Arg Leu  
1 5 10

<210> 340

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 340

Ala Met Trp Tyr Asp Pro Leu Thr Lys Leu Ser Leu Pro Asp  
1 5 10

<210> 341

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 341

Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Ser Leu Leu Val  
1 5 10

<210> 342

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 342

Ala Ile Trp Tyr Asp Pro Leu Thr Lys Leu Ser Leu Thr Val  
 1 5 10

<210> 343  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence  
 <220>  
 <223> BLYS binding polypeptide  
 <400> 343

Ala Ile Trp Tyr Asp Pro Leu Thr Lys Leu Ser Leu Leu Val  
 1 5 10

<210> 344  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence  
 <220>  
 <223> BLYS binding polypeptide  
 <400> 344

Ala Asp Trp Tyr Asp Pro Leu Thr Lys Leu Ser Leu Leu Leu  
 1 5 10

<210> 345  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence  
 <220>  
 <223> BLYS binding polypeptide  
 <400> 345

Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Arg Leu Leu Glu  
 1 5 10

<210> 346  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence  
 <220>  
 <223> BLYS binding polypeptide  
 <400> 346

Ala Asp Trp Tyr Asp Pro Leu Thr Lys Leu Arg Leu Leu Val  
1 5 10

<210> 347  
<211> 14  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> BLYS binding polypeptide  
  
<400> 347

Ala Asp Trp Tyr Asp Pro Leu Thr Lys Leu Arg Leu Ile Val  
1 5 10

<210> 348  
<211> 14  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> BLYS binding polypeptide  
  
<400> 348

Ala Ile Trp Tyr Asp Pro Leu Thr Lys Leu Tyr Leu Pro Asp  
1 5 10

<210> 349  
<211> 14  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> BLYS binding polypeptide  
  
<400> 349

Ala Ile Trp Tyr Asp Pro Leu Thr Lys Leu Gly Leu Leu Val  
1 5 10

<210> 350  
<211> 14  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> BLYS binding polypeptide  
  
<400> 350

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Thr Leu Leu Val





<210> 355  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 355

Ala Ser Trp Tyr Asp Pro Leu Thr Lys Leu Trp Phe Pro Val  
 1 5 10

<210> 356  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 356

Ala Asp Trp Tyr Asp Pro Leu Thr Lys Leu Trp Phe Pro Val  
 1 5 10

<210> 357  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 357

Ala Ser Trp Tyr Asp Pro Leu Thr Lys Leu Trp Phe Pro Lys  
 1 5 10

<210> 358  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 358

Ala Lys Trp Tyr Asp Pro Leu Thr Lys Leu Trp Phe Pro Asp  
 1 5 10

<210> 359  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 359

Ala Ser Trp Tyr Asp Pro Leu Thr Lys Leu Trp Phe Leu Glu  
 1 5 10

<210> 360  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 360

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Phe Pro Ala  
 1 5 10

<210> 361  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 361

Ala Thr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Phe Pro Asp  
 1 5 10

<210> 362  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 362

Ala Ile Trp Tyr Asp Pro Leu Thr Lys Leu Trp Phe Pro Glu  
 1 5 10

<210> 363  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 363

Ala Ile Trp Tyr Asp Pro Leu Thr Lys Leu Trp Phe Pro Asp  
1 5 10

<210> 364  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 364

Ala Ile Trp Tyr Asp Pro Leu Thr Lys Leu Trp Phe Pro Gly  
1 5 10

<210> 365  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 365

Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Phe Pro His  
1 5 10

<210> 366  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 366

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Phe Pro Val  
1 5 10

<210> 367

<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 367

Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Phe Pro Asp  
1 5 10

<210> 368  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 368

Ala Gly Trp Tyr Asp Pro Leu Thr Lys Leu Trp Phe Pro Asp  
1 5 10

<210> 369  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 369

Ala Ile Trp Tyr Asp Pro Leu Thr Lys Leu Trp Phe Pro Thr  
1 5 10

<210> 370  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 370

Ala Lys Trp Tyr Asp Pro Leu Thr Lys Leu Trp Phe Pro Ala  
1 5 10

<210> 371  
<211> 14

<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLyS binding polypeptide

<400> 371

Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Phe Phe Asp  
1 5 10

<210> 372  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLyS binding polypeptide

<400> 372

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Phe Ala Asp  
1 5 10

<210> 373  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLyS binding polypeptide

<400> 373

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Phe Pro Tyr  
1 5 10

<210> 374  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLyS binding polypeptide

<400> 374

Ala Asp Trp Tyr Asp Pro Leu Thr Lys Leu Trp Phe Arg Asp  
1 5 10

<210> 375  
<211> 14  
<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 375

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Val Pro Asp  
1 5 10

<210> 376

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 376

Ala Asp Trp Tyr Asp Pro Leu Thr Lys Leu Trp Val Pro Ala  
1 5 10

<210> 377

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 377

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Val Pro Asn  
1 5 10

<210> 378

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 378

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Val Pro Glu  
1 5 10

<210> 379

<211> 14

<212> PRT

<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 379

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Val Pro Gln  
1 5 10

<210> 380  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 380

Ala Glu Trp Tyr Asp Pro Leu Thr Lys Leu Trp Val Pro Lys  
1 5 10

<210> 381  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 381

Ala Gln Trp Tyr Asp Pro Leu Thr Lys Leu Trp Val Pro Val  
1 5 10

<210> 382  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 382

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Val Pro Tyr  
1 5 10

<210> 383  
<211> 14  
<212> PRT  
<213> Artificial Sequence



<220>  
<223> BLYS binding polypeptide

<400> 383

Ala Leu Trp Tyr Asp Pro Leu Thr Lys Leu Trp Val Pro Tyr  
1 5 10

<210> 384  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 384

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Val Pro Gly  
1 5 10

<210> 385  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 385

Ala Ser Trp Tyr Asp Pro Leu Thr Lys Leu Trp Ile Pro Tyr  
1 5 10

<210> 386  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 386

Ala Asp Trp Tyr Asp Pro Leu Thr Lys Leu Trp Ile Pro Gly  
1 5 10

<210> 387  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 387

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Ile Pro Tyr  
1 5 10

<210> 388

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 388

Ala Lys Trp Tyr Asp Pro Leu Thr Lys Leu Trp Ile Pro Tyr  
1 5 10

<210> 389

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 389

Ala Ile Trp Tyr Asp Pro Leu Thr Lys Leu Trp Ile Pro Asn  
1 5 10

<210> 390

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 390

Ala Thr Trp Tyr Asp Pro Leu Thr Lys Leu Trp Ile Pro Gln  
1 5 10

<210> 391

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 391

Ala Ser Trp Tyr Asp Pro Leu Thr Asn Leu Trp Val Pro Asp  
1 5 10

<210> 392

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 392

Ala Tyr Glu Tyr Asp Pro Leu Thr Asn Leu Trp Leu Leu Tyr  
1 5 10

<210> 393

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 393

Ala Tyr Trp Tyr Asp Pro Leu Thr Asn Leu Ser Leu Leu Val  
1 5 10

<210> 394

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 394

Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Ser Ile Leu Glu  
1 5 10

<210> 395

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 395

Ala Asn Trp Tyr Asp Ser Leu Thr Lys Leu Trp Ile Pro Tyr  
1 5 10

<210> 396

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 396

Ala His Trp Phe Asp Pro Leu Thr Gln Leu Lys Ile Arg Val  
1 5 10

<210> 397

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 397

Ala Tyr Trp Cys Asp Pro Leu Thr Lys Leu Cys Ile Leu Glu  
1 5 10

<210> 398

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 398

Ala Asn Ser Tyr Asp Pro Leu Thr Lys Leu Trp Phe Pro Tyr  
1 5 10

<210> 399

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 399

Ala Asn Leu Tyr Asp Pro Leu Thr Lys Leu Trp Val Pro Tyr  
1 5 10

<210> 400  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 400

Ala Asn Trp Tyr Asp Ala Leu Thr Lys Leu Trp Leu His Asp  
1 5 10

<210> 401  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 401

Ala Asn Trp Tyr Asp Ser Leu Thr Lys Leu Trp Phe Pro Asp  
1 5 10

<210> 402  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 402

Ala Thr Ser Tyr Asp Ser Leu Thr Lys Leu Trp Leu Pro Ala  
1 5 10

<210> 403  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 403

Ala Cys Trp Tyr Asp Ser Leu Thr Lys Leu Cys His Arg Glu  
1 5 10

<210> 404  
<211> 14  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> BLYS binding polypeptide  
  
<400> 404

Ala Ile Gly Asn Asp Pro Leu Thr Lys Leu Trp Ile Pro Tyr  
1 5 10

<210> 405  
<211> 14  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> BLYS binding polypeptide  
  
<400> 405

Ala Asn Trp Gln Asp Cys Leu Thr Lys Leu Cys Leu Ala Gly  
1 5 10

<210> 406  
<211> 14  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> BLYS binding polypeptide  
  
<400> 406

Ala Tyr Trp Phe Asp Pro Leu Thr Asn Leu Trp Leu Leu Glu  
1 5 10

<210> 407  
<211> 14  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> BLYS binding polypeptide  
  
<400> 407

Ala Tyr Trp Tyr Asp Pro Leu Thr Asn Leu Ser Leu Leu Val

1 5 10

<210> 408  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 408

Ala Asn Cys Phe Asp Ser Leu Thr Arg Leu Trp Leu Cys Asp  
 1 5 10

<210> 409  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 409

Ala Cys Ala Tyr Asp Ala Leu Thr Lys Leu Cys Leu Pro Ala  
 1 5 10

<210> 410  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 410

Ala Asn Trp Tyr Asp Pro Leu Thr Asn Leu Ser Leu Leu Leu  
 1 5 10

<210> 411  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 411

Ala Tyr Trp Tyr Asp Pro Leu Thr Gln Leu Ser Leu Leu Val  
 1 5 10

<210> 412  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 412

Ala Tyr Arg Tyr Asp Ala Leu Thr Gly Leu Trp Leu Leu Tyr  
 1 5 10

<210> 413  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 413

Ala Tyr Trp Asn Asp Pro Leu Thr Lys Leu Lys Leu Arg Leu  
 1 5 10

<210> 414  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 414

Ala Tyr Trp Tyr Asp Pro Leu Thr Gln Leu Ser Leu Leu Val  
 1 5 10

<210> 415  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 415

Ala Tyr Arg Tyr Asp Ala Leu Thr Gly Leu Trp Leu Leu Tyr  
 1 5 10



<210> 416  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> BLyS binding polypeptide  
  
 <400> 416  
  
 Ala Tyr Arg Tyr Asp Ser Leu Thr Asn Leu Trp Leu Leu Tyr  
 1 5 10

<210> 417  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> BLyS binding polypeptide  
  
 <400> 417  
  
 Ala Tyr Trp Tyr Asp Pro Leu Thr Lys Leu Ser Ile Leu Glu  
 1 5 10

<210> 418  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> BLyS binding polypeptide  
  
 <400> 418  
  
 Ala Ser Cys Tyr Asp Pro Leu Thr Lys Leu Cys Phe Pro Val  
 1 5 10

<210> 419  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> BLyS binding polypeptide  
  
 <400> 419  
  
 Ala Phe Trp Phe Asp Pro Leu Thr Gly Leu Trp Leu Leu Glu  
 1 5 10

<210> 420  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 420

Ala	His	Trp	Tyr	Asp	Pro	Leu	Thr	Lys	Leu	Ser	Ile	Arg	Val
1				5					10				

<210> 421  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 421

Ala	Pro	Trp	Tyr	Asp	Ser	Leu	Thr	Lys	Leu	Trp	Phe	Pro	Ser
1				5					10				

<210> 422  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 422

Ala	Asn	Cys	Tyr	Asp	Thr	Leu	Thr	Lys	Leu	Trp	Leu	Thr	Cys
1				5					10				

<210> 423  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<400> 423

Ala	Asn	Trp	Tyr	Asp	Ser	Leu	Thr	Lys	Leu	Ser	Leu	Pro	Asp
1				5					10				

<210> 424

<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 424

Ala Tyr Ala Tyr Asp Phe Leu Thr Gln Leu Ser Leu Pro Asp  
1 5 10

<210> 425  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 425

Ala Phe Arg Tyr Asp Ser Leu Thr Gly Leu Trp Leu Arg Tyr  
1 5 10

<210> 426  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 426

Ala Asn Cys Tyr Asp Ser Leu Thr Lys Leu Trp Leu Pro Cys  
1 5 10

<210> 427  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 427

Ala Asn Gly Tyr Asp Leu Leu Thr Asn Leu Ser Val Ser Asp  
1 5 10

<210> 428  
<211> 14

<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 428

Ala Asn Trp Tyr Asp Pro Leu Thr Arg Leu Trp Ile Pro Val  
1 5 10

<210> 429  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 429

Ala Leu Lys Phe Asp Tyr Leu Thr Lys Leu Trp Leu Pro Asp  
1 5 10

<210> 430  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 430

Ala Tyr Arg Tyr Asp Ser Leu Thr Lys Leu Trp Leu Pro Gly  
1 5 10

<210> 431  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 431

Ala Tyr Cys Tyr Asp Ser Leu Thr Lys Leu Trp Ile Pro Asp  
1 5 10

<210> 432  
<211> 14  
<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 432

Ala Ser Trp Glu Asp Ser Leu Thr Lys Leu Trp Leu Ser Lys  
1 5 10

<210> 433

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 433

Ala Tyr Trp Tyr Asp Ser Leu Thr Gly Leu Ser Leu Leu Val  
1 5 10

<210> 434

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 434

Ala Tyr Trp Tyr Asp Pro Leu Thr Tyr Leu Arg Leu Arg Val  
1 5 10

<210> 435

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 435

Ala Lys Cys Tyr Asp Ser Leu Thr Asn Leu Trp Leu Cys Asp  
1 5 10

<210> 436

<211> 10

<212> PRT

<213> Artificial Sequence

<220>  
<223> core peptide of high affinity BLYS binders

<400> 436

Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu  
1 5 10

<210> 437  
<211> 17  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 437

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Asp Gly Gly  
1 5 10 15

Lys

<210> 438  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 438

Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Asp Gly Gly Lys  
1 5 10 15

<210> 439  
<211> 13  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 439

Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Gly Gly Lys  
1 5 10

<210> 440

<211> 17  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 440

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Val Gly Gly  
1 5 10 15

Lys

<210> 441  
<211> 17  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide -

<400> 441

Ala Asn Trp Phe Asp Pro Leu Thr Lys Leu Trp Leu Pro Asp Gly Gly  
1 5 10 15

Lys

<210> 442  
<211> 17  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 442

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Ser Leu Pro Asp Gly Gly  
1 5 10 15

Lys

<210> 443  
<211> 17  
<212> PRT  
<213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide  
 <400> 443

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Trp Phe Pro Asp Gly Gly  
 1 5 10 15

Lys

<210> 444  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide  
 <400> 444

Ala Asn Trp Tyr Asp Ser Leu Thr Lys Leu Trp Leu Pro Asp Gly Gly  
 1 5 10 15

Lys

<210> 445  
 <211> 585  
 <212> PRT  
 <213> HomoSapiens

<400> 445

Asp Ala His Lys Ser Glu Val Ala His Arg Phe Lys Asp Leu Gly Glu  
 1 5 10 15

Glu Asn Phe Lys Ala Leu Val Leu Ile Ala Phe Ala Gln Tyr Leu Gln  
 20 25 30

Gln Cys Pro Phe Glu Asp His Val Lys Leu Val Asn Glu Val Thr Glu  
 35 40 45

Phe Ala Lys Thr Cys Val Ala Asp Glu Ser Ala Glu Asn Cys Asp Lys  
 50 55 60

Ser Leu His Thr Leu Phe Gly Asp Lys Leu Cys Thr Val Ala Thr Leu  
 65 70 75 80



Arg Glu Thr Tyr Gly Glu Met Ala Asp Cys Cys Ala Lys Gln Glu Pro  
85 90 95

Glu Arg Asn Glu Cys Phe Leu Gln His Lys Asp Asp Asn Pro Asn Leu  
100 105 110

Pro Arg Leu Val Arg Pro Glu Val Asp Val Met Cys Thr Ala Phe His  
115 120 125

Asp Asn Glu Glu Thr Phe Leu Lys Lys Tyr Leu Tyr Glu Ile Ala Arg  
130 135 140

Arg His Pro Tyr Phe Tyr Ala Pro Glu Leu Leu Phe Phe Ala Lys Arg  
145 150 155 160

Tyr Lys Ala Ala Phe Thr Glu Cys Cys Gln Ala Ala Asp Lys Ala Ala  
165 170 175

Cys Leu Leu Pro Lys Leu Asp Glu Leu Arg Asp Glu Gly Lys Ala Ser  
180 185 190

Ser Ala Lys Gln Arg Leu Lys Cys Ala Ser Leu Gln Lys Phe Gly Glu  
195 200 205

Arg Ala Phe Lys Ala Trp Ala Val Ala Arg Leu Ser Gln Arg Phe Pro  
210 215 220

Lys Ala Glu Phe Ala Glu Val Ser Lys Leu Val Thr Asp Leu Thr Lys  
225 230 235 240

Val His Thr Glu Cys Cys His Gly Asp Leu Leu Glu Cys Ala Asp Asp  
245 250 255

Arg Ala Asp Leu Ala Lys Tyr Ile Cys Glu Asn Gln Asp Ser Ile Ser  
260 265 270

Ser Lys Leu Lys Glu Cys Cys Glu Lys Pro Leu Leu Glu Lys Ser His  
275 280 285

Cys Ile Ala Glu Val Glu Asn Asp Glu Met Pro Ala Asp Leu Pro Ser  
290 295 300

Leu Ala Ala Asp Phe Val Glu Ser Lys Asp Val Cys Lys Asn Tyr Ala  
 305 310 315 320

Glu Ala Lys Asp Val Phe Leu Gly Met Phe Leu Tyr Glu Tyr Ala Arg  
 325 330 335

Arg His Pro Asp Tyr Ser Val Val Leu Leu Leu Arg Leu Ala Lys Thr  
 340 345 350

Tyr Glu Thr Thr Leu Glu Lys Cys Cys Ala Ala Ala Asp Pro His Glu  
 355 360 365

Cys Tyr Ala Lys Val Phe Asp Glu Phe Lys Pro Leu Val Glu Glu Pro  
 370 375 380

Gln Asn Leu Ile Lys Gln Asn Cys Glu Leu Phe Glu Gln Leu Gly Glu  
 385 390 395 400

Tyr Lys Phe Gln Asn Ala Leu Leu Val Arg Tyr Thr Lys Lys Val Pro  
 405 410 415

Gln Val Ser Thr Pro Thr Leu Val Glu Val Ser Arg Asn Leu Gly Lys  
 420 425 430

Val Gly Ser Lys Cys Cys Lys His Pro Glu Ala Lys Arg Met Pro Cys  
 435 440 445

Ala Glu Asp Tyr Leu Ser Val Val Leu Asn Gln Leu Cys Val Leu His  
 450 455 460

Glu Lys Thr Pro Val Ser Asp Arg Val Thr Lys Cys Cys Thr Glu Ser  
 465 470 475 480

Leu Val Asn Arg Arg Pro Cys Phe Ser Ala Leu Glu Val Asp Glu Thr  
 485 490 495

Tyr Val Pro Lys Glu Phe Asn Ala Glu Thr Phe Thr Phe His Ala Asp  
 500 505 510

Ile Cys Thr Leu Ser Glu Lys Glu Arg Gln Ile Lys Lys Gln Thr Ala  
 515 520 525

Leu Val Glu Leu Val Lys His Lys Pro Lys Ala Thr Lys Glu Gln Leu  
 530 535 540

Lys Ala Val Met Asp Asp Phe Ala Ala Phe Val Glu Lys Cys Cys Lys  
 545 550 555 560

Ala Asp Asp Lys Glu Thr Cys Phe Ala Glu Glu Gly Lys Lys Leu Val  
 565 570 575

Ala Ala Ser Gln Ala Ala Leu Gly Leu  
 580 585

<210> 446  
 <211> 4  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> recurring structural motif of BLYS binding polypeptides

<220>  
 <221> MISC\_FEATURE  
 <222> (2)..(2)  
 <223> X is Pro, Ser, Thr, Phe, Leu, Tyr, Cys, or Ala

<400> 446  
 Asp Xaa Leu Thr  
 1

<210> 447  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLYS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (2)..(2)  
 <223> X2 is any amino acid except Arg;

<220>  
 <221> MISC\_FEATURE  
 <222> (3)..(3)  
 <223> X3 is Trp, Glu, Lys, Cys, Leu, Ala, Arg, Gly, or Ser;

<220>

<221> MISC\_FEATURE  
 <222> (4)..(4)  
 <223> X4 is Tyr, Phe, Glu, Cys, Asn;

<220>  
 <221> MISC\_FEATURE  
 <222> (6)..(6)  
 <223> X6 is Pro, Ser, Thr, Phe, Leu, Tyr, Cys, or Ala;

<220>  
 <221> MISC\_FEATURE  
 <222> (9)..(9)  
 <223> X9 is Lys, Asn, Gln, Gly, or Arg;

<220>  
 <221> MISC\_FEATURE  
 <222> (11)..(11)  
 <223> X11 is Trp, Ser, Thr, Arg, Cys, Tyr, or Lys;

<220>  
 <221> MISC\_FEATURE  
 <222> (12)..(12)  
 <223> X12 is Leu, Phe, Val, Ile, or His;

<220>  
 <221> MISC\_FEATURE  
 <222> (13)..(13)  
 <223> X13 is Pro, Leu, His, Ser, Arg, Asn, Gln, Thr, Val, Ala, Cys, Ile  
 , Phe, or Tyr;

<220>  
 <221> MISC\_FEATURE  
 <222> (14)..(14)  
 <223> X14 is Asp, Glu, Asn, Val, His, Gln, Arg, Gly, Ser, Tyr, Ala, Cys  
 , Lys, Ile, Thr or Leu.

<400> 447

Ala Xaa Xaa Xaa Asp Xaa Leu Thr Xaa Leu Xaa Xaa Xaa Xaa  
 1 5 10

<210> 448  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BLyS binding polypeptide

<220>  
 <221> MISC\_FEATURE  
 <222> (1)..(1)  
 <223> X1 is Trp, Glu, Lys, Cys, Leu, Ala, Arg, Gly, or Ser;

<220>  
 <221> MISC\_FEATURE  
 <222> (2)..(2)  
 <223> X2 is Tyr, Phe, Glu, Cys, Asn;

<220>  
 <221> MISC\_FEATURE  
 <222> (4)..(4)  
 <223> X4 is Pro, Ser, Thr, Phe, Leu, Tyr, Cys, or Ala;

<220>  
 <221> MISC\_FEATURE  
 <222> (7)..(7)  
 <223> X7 is Lys, Asn, Gln, Gly, or Arg;

<220>  
 <221> MISC\_FEATURE  
 <222> (9)..(9)  
 <223> X9 is Trp, Ser, Thr, Arg, Cys, Tyr, or Lys;

<220>  
 <221> MISC\_FEATURE  
 <222> (10)..(10)  
 <223> X10 is Leu, Phe, Val, Ile, or His.

<400> 448

Xaa Xaa Asp Xaa Leu Thr Xaa Leu Xaa Xaa  
 1 5 10

<210> 449  
 <211> 733  
 <212> DNA  
 <213> Homo Sapiens

<400> 449  
 gggatccgga gcccaaatct tctgacaaaa ctcacacatg cccaccgtgc ccagcacctg 60  
 aattcgaggg tgcaccgtca gtcttctctt tcccccaaaa acccaaggac accctcatga 120  
 tctcccgga tcttgaggtc acatgcgtgg tgggtggacgt aagccacgaa gaccctgagg 180  
 tcaagttcaa ctggtacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg 240  
 aggagcagta caacagcacg taccgtgtgg tcagcgtcct caccgtcctg caccaggact 300

ggctgaatgg caaggagtac aagtgcaagg tctccaacaa agccctccca acccccatcg 360  
 agaaaacccat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc 420  
 catcccggga tgagctgacc aagaaccagg tcagcctgac ctgcctggtc aaaggcttct 480  
 atccaagcga catcgccgtg gagtgggaga gcaatgggca gccggagaac aactacaaga 540  
 ccacgcctcc cgtgctggac tccgacggct ccttcttctt ctacagcaag ctcaccgtgg 600  
 acaagagcag gtggcagcag gggaacgtct tctcatgctc cgtgatgcat gaggctctgc 660  
 acaaccacta cacgcagaag agcctctccc tgtctccggg taaatgagtg cgacggccgc 720  
 gactctagag gat 733

<210> 450  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence  
 <220>  
 <223> BLyS binding polypeptide  
 <400> 450

Ala Gly Lys Glu Pro Cys Tyr Phe Tyr Trp Glu Cys Ala Val Ser Gly  
 1 5 10 15

<210> 451  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence  
 <220>  
 <223> BLyS binding polypeptide  
 <400> 451

Ala Gly Val Pro Phe Cys Asp Leu Leu Thr Lys His Cys Phe Glu Ala  
 1 5 10 15

Gly

<210> 452  
 <211> 20  
 <212> PRT  
 <213> Artificial Sequence  
 <220>  
 <223> BLyS binding polypeptide

<400> 452

Gly Ser Ser Arg Leu Cys His Met Asp Glu Leu Thr His Val Cys Val  
1 5 10 15

His Phe Ala Pro  
20

<210> 453

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 453

Gly Asp Gly Gly Asn Cys Tyr Thr Asp Ser Leu Thr Lys Leu His Phe  
1 5 10 15

Cys Met Gly Asp Glu  
20

<210> 454

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 454

Gly Tyr Asp Val Leu Thr Lys Leu Tyr Phe Val Pro Gly Gly  
1 5 10

<210> 455

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> BLYS binding polypeptide

<400> 455

Trp Thr Asp Ser Leu Thr Gly Leu Trp Phe Pro Asp Gly Gly  
1 5 10

<210> 456  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 456

Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu Pro Asp  
1 5 10

<210> 457  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 457

Trp Tyr Asp Pro Leu Thr Lys Leu Trp Leu  
1 5 10

<210> 458  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BLYS binding polypeptide

<400> 458

Ala Asn Trp Tyr Asp Pro Leu Thr Lys Leu Ser Leu Pro Asp  
1 5 10